STR-AV920/AV1020

SERVICE MANUAL

US Model
Canadian Model

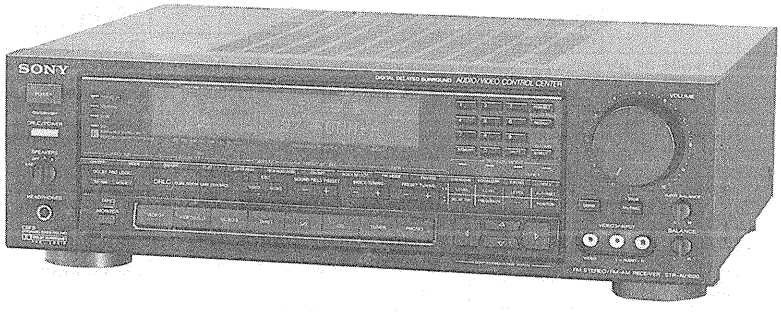

Photo : STR-AV1020

SPECIFICATIONS

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION

With 8-ohm load, both channels driven, from 20 – 20,000 Hz, rated 120 watts (STR-AV1020) or 100 watts (STR-AV920) per channel minimum RMS power, with no more than 0.008% total harmonic distortion from 250 milliwatts to rated output.

Other Specifications

Amplifier section

		STR-AV1020	STR-AV920
Dynamic power output	8 ohms, at 1 kHz IHF	195 + 195 watts	140 + 140 watts
	4 ohms, at 1 kHz IHF	250 + 250 watts	190 + 190 watts
Harmonic distortion at rated output		Less than 0.008%	Less than 0.03%
Intermodulation (IM) distortion at rated output		Less than 0.008%	Less than 0.03%
Power output of surround/DRLC amplifier (8 ohms, at 1 kHz)		10 + 10 watts	

Amplifier section

		STR-AV1020	STR-AV920
Frequency response	PHONO	RIAA equalization curve ± 0.5 dB	
	CD, DAT, TAPE 1,2 VIDEO 1,2,3*	10 Hz – 70 kHz $\pm^{0}_{1}$dB	
Residual noise		Less than 70μV	
Damping factor (8 ohms, at 1 kHz)		50	
Input sensitivity/ impedance	PHONO MM	2.5 mV, 50 kilohms	
	DAT,CD, VIDEO 1,2,3* TAPE 1,2	150mV 50 kilohms	
S/N	PHONO MM	87 dB 79 dB** (A,2.5mV)	
	DAT, CD VIDEO 1,2,3* TAPE 1,3	105 dB 85 dB**(A,150mV)	
Output sensitivity/ impedance	DAT OUT TAPE OUT 1,2 VIDEO 1	150mV 10 kilohms	
	SPEAKERS	Accepts seakers of 4 – 16 ohms	
	HEADPHONES	Accepts headphones of high and low impedance	
	CENTER OUT*	6 V, 1 kilohm	
MUTING		−20dB	
DBFB		+10 dB(70 Hz)	
Graphic Equalizer		7-band ±10 dB at 63 Hz, 160 Hz, 400 Hz, 1 kHz, 2.5 kHz, 6.3 kHz, and 16 kHz	

* STR-AV1020 only
** '78IHF

— Continued on page 2 —

使用時は添付資料も参照のこと
Refer to the additional documents.

FM STEREO/FM-AM RECEIVER

SONY®

Video section

	STR-AV1020	STR-AV920
Inputs	VIDEO 1,2,3: 1 Vp-p 75 ohms	VIDEO 1,2: 1 Vp-p 75 ohms
Outputs	VIDEO 1, MONITOR: 1 Vp-p 75 ohms	

FM tuner section

		STR-AV1020	STR-AV920
Frequency range		87.5 – 108.0 MHz	
Antenna terminals		75 ohms coaxial	300 ohms, balanced 75 ohms, unbalanced
Sensitivity at 50 dB		18.3 dBf, 45 μV (mono) 38.3 dBf, 45 μV (stereo)	
Usable sensitivity		11.2 dBf, 2μV (IHF)	
S/N	Mono	84 dB	80 dB
	Stereo	78 dB	74 dB
Harmonic distortion at 1 kHz	Mono	0.2%	0.3%
	Stereo	0.4%	0.5%
IM distortion	Mono	0.2 %	0.3%
	Stereo	0.4%	0.5%
Separation		45 dB at 1 kHz	
Frequency response		30 Hz – 15 kHz $^{+0}_{-1.5}$dB	30 Hz – 15 kHz $^{+0}_{-2}$dB
Selectivity		65 dB at 300 kHz	60 dB at 400 kHz
Capture ratio		1.2 dB	
AM suppression ratio		60 dB	54 dB
Image response ratio		80 dB	70 dB
IF response ratio		90 dB	70 dB
Spurious response ratio		100 dB	80 dB
RF intermodulation at 800 kHz		65 dB	60 dB
Auto tuning threshold	Low	30 dBf	
	High	50 dBf	

AM tuner section

	STR-AV1020	STR-AV920
Frequency range	530 – 1710 kHz (with 10 kHz interval) 531 – 1710 kHz (with 9 kHz interval)	
Antenna	Loop antenna	
Usable sensitivity	50 dB/m (at 1,000 kHz or 999 kHz)	
S/N	54 dB (at 50 mV/m)	
Harmonic distortion	0.5% (50 mV/m, 400 Hz)	
Selectivity	35 dB (9 kHz), 40 dB (10 kHz)	
Auto tuning threshold	55 dB/m	

General

		STR-AV1020	STR-AV920
System	Tuner section	PLL quartz-locked digital synthesizer system	
	Preamplifier section	Low-noise NF type equalizer	
	Power amplifier section	Pure-complimentary SEPP	
Power requirements		120 V AC,60 Hz	
Power consumption		USA model: 250 watts Canada model: 520 VA	USA model: 210 watts Canada model: 450 VA
AC outlets		Two switched, total 100 watts	
Dimensions		430 × 135 × 350 mm (w/h/d) (17 × 5 3/8 × 14 1/8 inches)	
Weight		10.3 kg (22 lb 11 oz)	10.2 kg (22 lb 8 oz)

Supplied accessories
- FM ribbon antenna (1)
- AM loop antenna (1)
- Remote commander (1)
  - RM-U201 (STR-AV902)
  - RM-P301 (STR-AV1020)
- External antenna connector (1) (STR-AV1020 only)
- Sony Batteries SUM-3(NS) (2)

Design and specifications subject to change without notice.

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OUTLINE

The STR-AV1020/AV920 is a FM Stereo/FM-AM receiver and audio/video control center.
You can enjoy various audio/video program sources with this unit.

TV/video programs
- You can enjoy TV or CATV programs with FM simulcast.
- Sounds from various audio program sources can be added on video tapes during editing.

Tuner
- Precise tuning is ensured by a quartz lock digital synthesizer.
- Station Index system allows you to tune into a station quickly.

Remote control
- The supplied remote commander allows you to remotely control both the unit and the equipment connected to the unit.
- The commander supplied with the STR-AV1020 can learn various functions of other remote commanders of the infrared type.

Display
- The frequency of each tuned-in broadcast station is displayed.
- The current selection/operation is displayed to clearly indicate what is taking place.

Electronic graphic equalizer
- You can enjoy audio program sources with an appropriate equalization curve.

Surround sound system
This unit incorporates all of 3 types of surround effect.
- DOLBY SURROUND * (STR-AV920 only) – expands sound just like listening to it in a movie theater.
- **DOLBY PRO LOGIC** (STR-AV1020 only): STR-AV1020 incorporates the Dolby Pro Logic Surround Decoder which has the same functions for playback, as movie theaters and gives a theater-like experience in your listening room, naturally reproducing the audio sound field.
- Hall Surround-provides reverberation effect that is produced in a large concert hall.
- Simulated Surround-gives the feeling of width and thickness to monaural sound of old movie program, etc.

Sound field
- The sound field function has 10 combinations of surround effect, equalizer curve, and DBFB (Dynamic Bass Feed Back). With an appropriate sound field setting, you can enjoy audio program sources as your preference.
- Combined use of the sound field function and the preset station index system allows you to enjoy broadcast listening immediately with the memorized sound field setting.

Dual room link control (DRLC)
- The DRLC function allows you to link a second room to your main or primary listening room. You can enjoy listening to either the same program source being played in the main room or a different program source in the second room.

SAFETY CHECK-OUT (US Model)

After correcting the original service problem, perform the following safety check before releasing the set to the customer:
Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

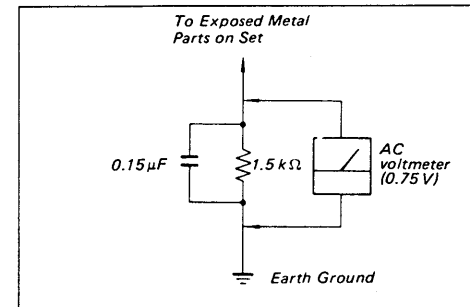


Fig. A. Using an AC voltmeter to check AC leakage.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

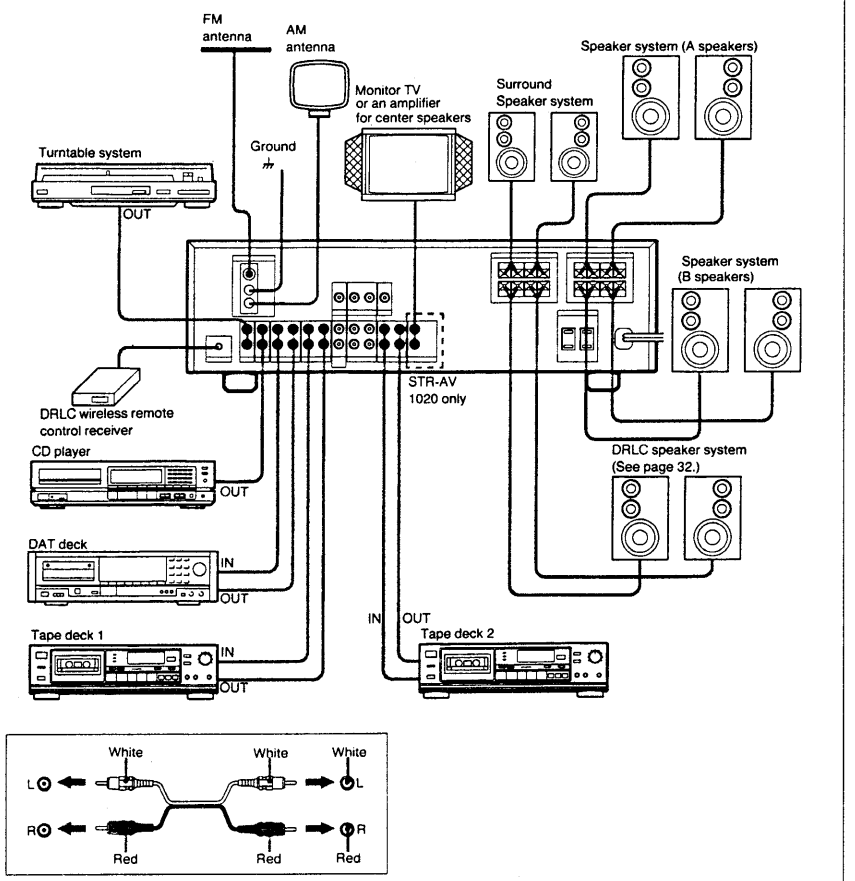
LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

1-1. CONNECTIONS

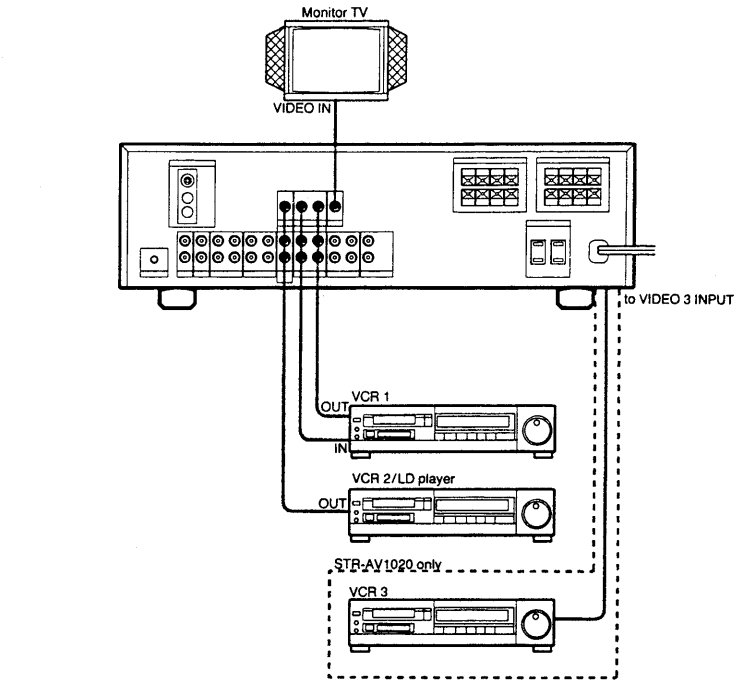
Notes on Connection

- Do not connect the power cord to an AC outlet nor press the POWER switch before accomplishing all other connections.
- The cable connectors should be fully inserted into the jacks. Loose connection may cause hum and noise.
- Jacks and plugs of the connecting cord are color-coded as follows:
  Red jacks and plugs: for the right channel of audio signals
  White jacks and plugs: for the left channel of audio signals
  Yellow jacks and plugs: for video signals

Connecting Audio Equipment



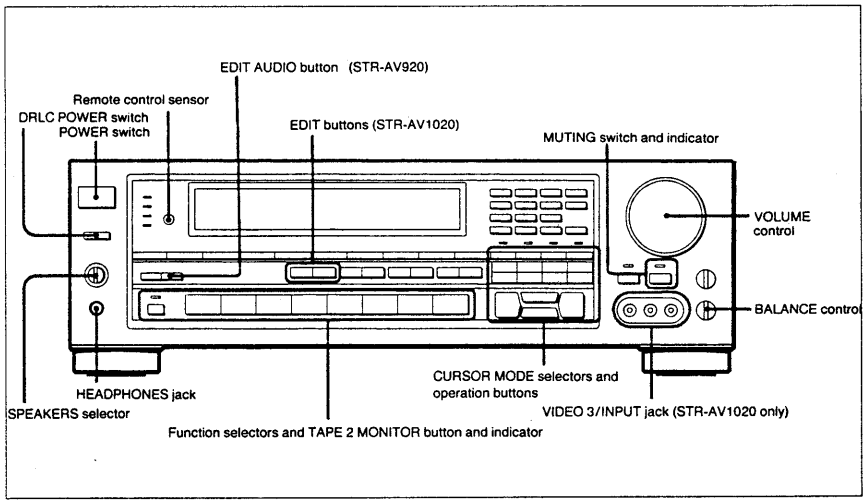
Connecting Video Equipment



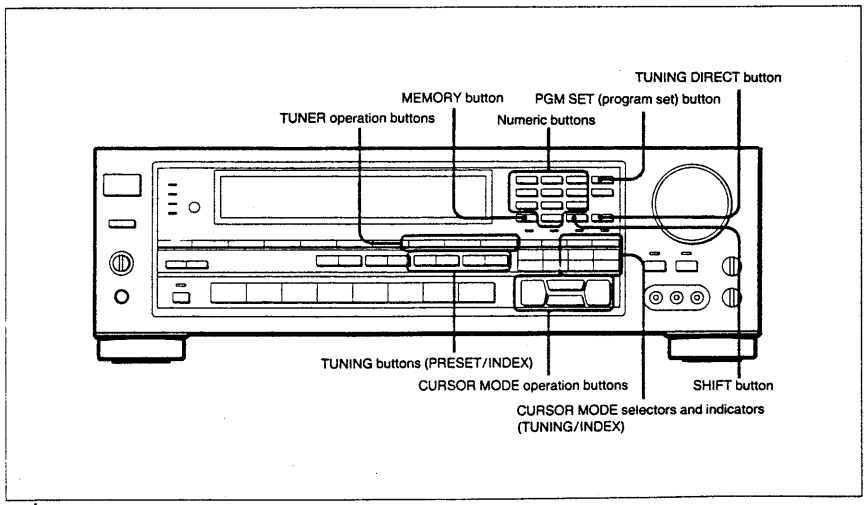
1-2. PARTS IDENTIFICATION

Front Panel

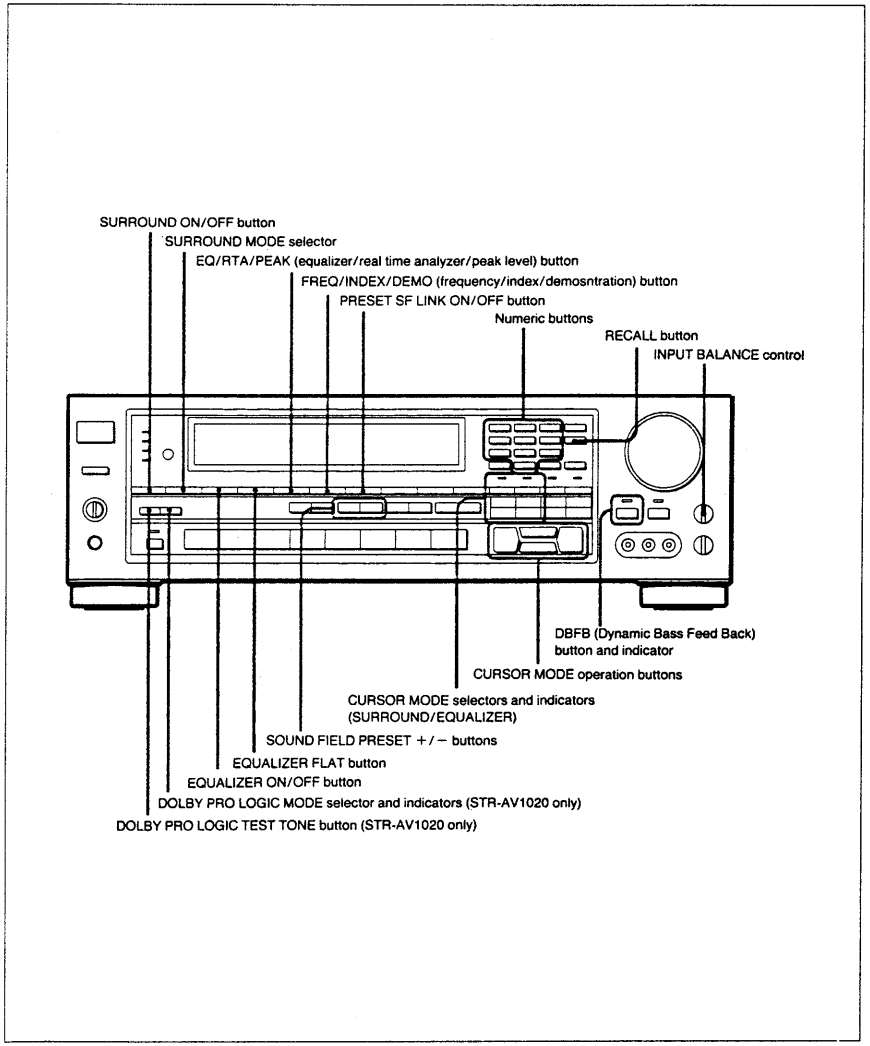
Amplifier and general section



Tuner section

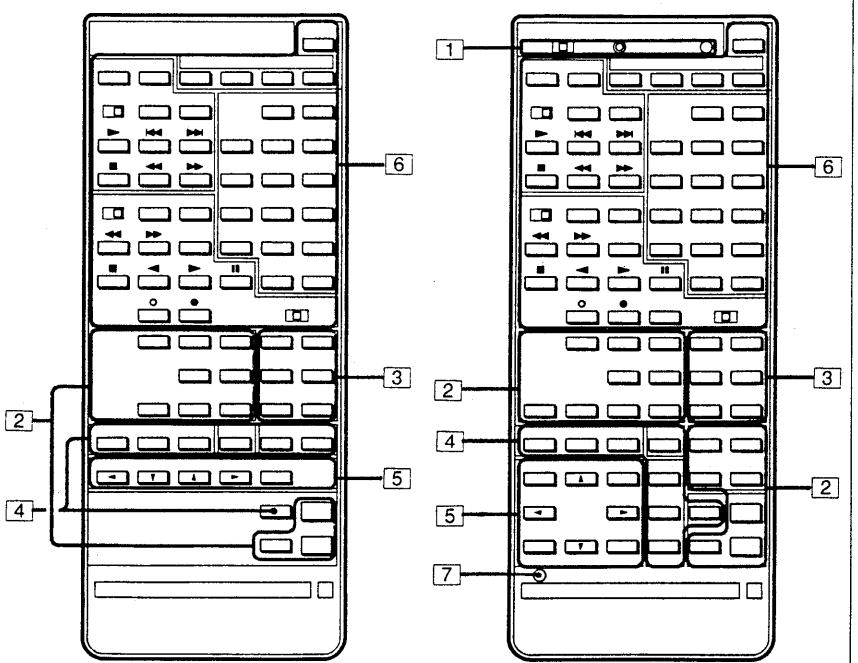


Sound field control section


SURROUND ON/OFF button
SURROUND MODE selector
EQ/RTA/PEAK (equalizer/real time analyzer/peak level) button
FREQ/INDEX/DEMO (frequency/index/demosntration) button
PRESET SF LINK ON/OFF button
Numeric buttons
RECALL button
INPUT BALANCE control
DBFB (Dynamic Bass Feed Back) button and indicator
CURSOR MODE operation buttons
CURSOR MODE selectors and indicators (SURROUND/EQUALIZER)
SOUND FIELD PRESET +/− buttons
EQUALIZER FLAT button
EQUALIZER ON/OFF button
DOLBY PRO LOGIC MODE selector and indicators (STR-AV1020 only)
DOLBY PRO LOGIC TEST TONE button (STR-AV1020 only)

Parts Identification

Remote Commander



RM-U201
(supplied with the STR-AV920)

RM-P301
(supplied with the STR-AV1020)

1 Program control section (RM-P301 only)
Mode selector and indicator (page 34)
SONY STD (standard): To control Sony equipment
USER STD (standard): To control equipment whose remote control functions are stored.
LEARN: To store functions of other remote commanders emitting infrared rays.
PROGRAM CLEAR button: Clears the stored functions.

2 Amplifier section
FUNCTION selectors: Select an input source of the receiver. (The VIDEO 3 button does not operate on the STR-AV920.)
DIGITAL button (RM-P301 only): This button does not operate.
REAR LEVEL +/– buttons (RM-P301 only): Control the volume of rear speakers (surround level).
MUTING button: Mutes the sound.
MASTER VOL +/– buttons: Control the receiver volume.
CENTER LEVEL +/– buttons (RM-P301 only): These buttons do not operate.

3 Tuner section
INDEX SELECT and INDEX +/– buttons: Select an indexed preset station.
TUNER SHIFT and PRESET +/– buttons: Select a preset station.

4 Sound control section
SURROUND buttons
ON/OFF: Turns on/off the surround mode.
MODE: Selects the surround mode.
T. (test) TONE: Generates a pink noise signal that is sent in succession to each speaker. (This button does not operate on the STR-AV920.)
EQUALIZER ON/OFF button: Turns on/off the equalizer.
S.(sound) FIELD buttons
MODE: Selects sound field mode.
LINK: Links sound field to preset station.
USER/PRESET button (RM-P301 only): This button does not operate.
DBFB button (RM-U201 only): Turns on/off the DBFB (Dynamic Bass Feed Back).
DDS/DBFB button (RM-P301 only): Turns on/off the DBFB (Dynamic Bass Feed Back). (DDS function is not available with this receiver.)

5 Cursor control section
CURSOR CONTROL buttons
MODE button: Selects cursor mode.
MAIN, SUB, and EQ buttons (RM-P301 only): These buttons do not operate.

6 Control for other equipment
Power control block
SYSTEM OFF button: Turns off the power of the whole system: LDP, VTR, TV, and AUDIO.
LDP/VTR/TV/AUDIO POWER buttons: Control the power of each unit. (The VTR button can be operative only when TAPE/VTR selector is set to VTR.)

CDP/LDP control block
CDP/LDP selector: Selects CD player or LD player to be played. The combined CD/LD player can be controlled with this selector set to LDP.
CONTINUE: Continuous play (only for CD player)
SHUFFLE: Shuffle play (only for CD player)
PGM (program): Program play (only for CD player)
D (disc) SKIP: Disc skip (for a CD player equipped with a multi-disc changer)
▶: Starts play.
⏮/⏭: Locates a desired selection.
■: Stops play.
◀◀/▶▶: Manual search (only for LD player)

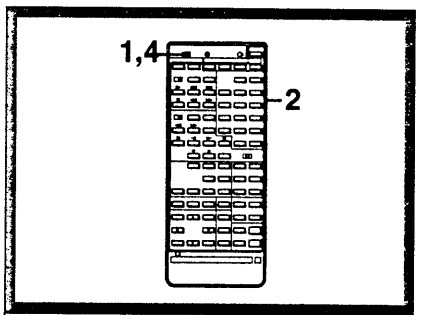
Tape deck/VCR control block
TAPE/VTR selector: Selects TAPE (tape deck) or VTR (VCR) to be controlled.
ANT (antenna) TV/VTR button: Selects the output signal from the antenna terminal on the VCR, either a TV signal or VCR programs.
CH (channel) +/– buttons: Select channel on the VCR.
◀◀/▶▶: fast winding
■: Stop
◀/▶: Play
❚❚: Pause
○ (RM-U201 only): Record muting
● (RM-U201 only): Recording (While pressing ●, press ▶ or ◀.)
REV/REC/FWD (recording) buttons (RM-P301 only):
For reverse recording, press REV and REC together.
For forward recording, press FWD and REC together.
DECK/VTR selector
DECK A,B, and DAT: Selects A,B, or DAT deck.
VTR 1,2, and 3: Selects VCR type.
1: Betamax VCRs
2: 8 mm VCRs
3: VHS VCRs

TV control block
TV/VIDEO selector: Selects the program to see: TV or VIDEO.
VOL (volume) +/– buttons: Control the TV volume.
CH (channel) +/– buttons: Select a preset TV channel.
Program number (1 to 0) and ENTER buttons: Select the TV channel.

7 RESET button (RM-P301 only)
Reset the commander to the initial state.

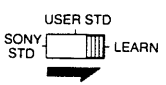
1-3. HOW TO USE THE LEARNING FUNCTION (STR-AV1020 ONLY)

Programming Signals of Other Audio/Video Equipment with Programmable System Commander RM-P301



The RM-P301 learns various functions of other remote commanders emitting infrared rays and allows you to control most of audio and video equipment from a distance.

1



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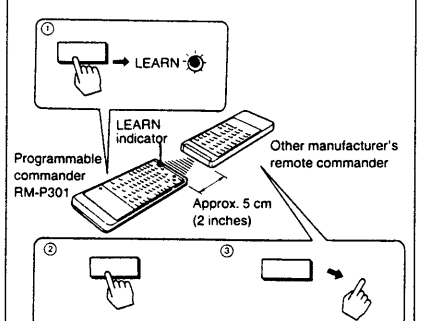

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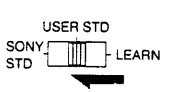


1 Set the mode selector to LEARN.

2 Program a signal.
① Press and hold the button which shall "learn" the remote-control signal until the LEARN indicator lights up.
② Press and hold the button of other manufacturer's remote commander whose signal is to be learned.
③ Remove your finger(s) from the button(s) after the LEARN indicator goes off.

The two remote commanders must:
- face straight each other.
- be placed at a distance of approx. 5 cm (2 inches).
- not be moved during programming operation.

3 Repeat operation for each button to be programmed.

4 Set the mode selector to USER STD or SONY STD.

After programming
Be sure to test if the equipment really works with the programmed signals.

Number of signals that the commander can learn
It depends on the format of the signal. If you program signals of Sony equipment, approximately 50 – 60 signals can be programmed.

If the LEARN indicator flashes or does not go out in step 2-②, ③.
The memory capacity has become full. This occurs when other signals stronger than the remote-control signals have been stored because the signals were programmed in a noisy environment or the remote commanders were placed too far apart from each other.
→ Clear all the signals following the procedure on the right and program again from the beginning under the proper conditions.

Notes on programming
- Remote-control signals of equipment of manufacturers other than Sony can be programmed only when they are compatible with the infrared wireless remote control system. Since the programmable commander can "learn" only the signals output from another remote commander, it cannot control equipment that does not use a remote commander. Also, note that there are some special remote-control signals that cannot be programmed.
- Do not attempt to use the programmable commander with an air conditioner or other household appliances.

To program a new signal onto a previously programmed button

Follow the programming procedure.
The previously programmed signal is cleared and replaced by the new signal.

To clear all programmed signals
1 Set the mode selector to LEARN.
2 Press and hold any button of the programmable area until the LEARN indicator lights up.
3 Press PROGRAM CLEAR until the LEARN indicator flashes and goes off.

Note

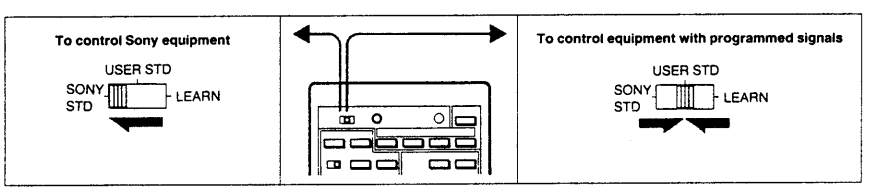
It is not possible to clear the programmed content of just one button.

To program a signal onto the ● REC button in the TAPE or VTR section
It is not possible to operate any equipment with only the ● REC button. To program a signal under the ● REC button, press and hold the following buttons at the same time in step 2-①.

TAPE	REV ●REC ●REC FWD
VTR	●REC FWD

Controlling Equipment

By switching the mode selector as shown below, a single button alternately controls Sony equipment and another manufacturer equipment.



When Sony equipment cannot be remote-controlled
Program the signal in the same way as for equipment from other manufacturers. In this case, even with Sony equipment, set the mode selector to USER STD.

Notes on Battery
If the LEARN indicator does not light when a button is pressed, the batteries are almost exhausted.
When the batteries are exhausted, the remote commander can no longer operate the unit or programming becomes impossible.
If this happens, replace both batteries with new ones. We recommend the use of alkaline batteries for prolonged use.

If no signal has been programmed
The programmable commander can control Sony equipment even when the mode selector is set to USER STD.

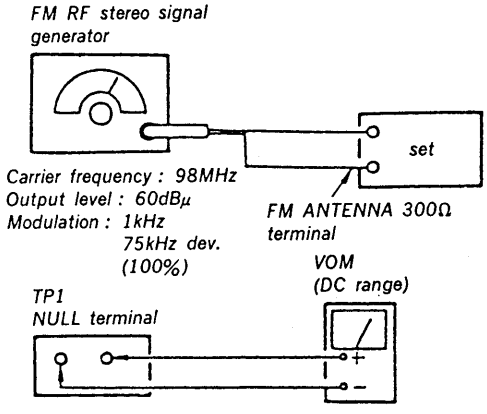
If the equipment works incorrectly
Press RESET.
The programmed contents of the buttons are not cleared by pressing RESET.

SECTION 2
ELECTRICAL ADJUSTMENTS

FM SECTION

• FM Discriminator (NULL) Adjustment

Setting :



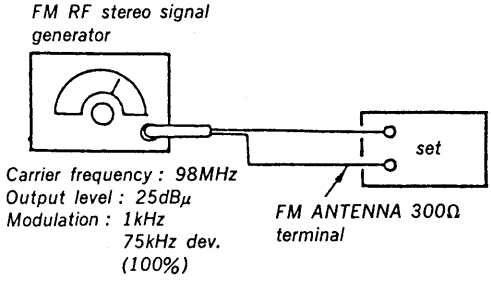
Procedure :

1. Tune the set to 98MHz.
2. Adjust T21 and T22 (AV1010 only) for 0V reading on the VOM.

Note : FM Tuning Level adjustment should be made after FM discriminator adjustment.

• FM Stereo Operation Level Adjustment

Setting :

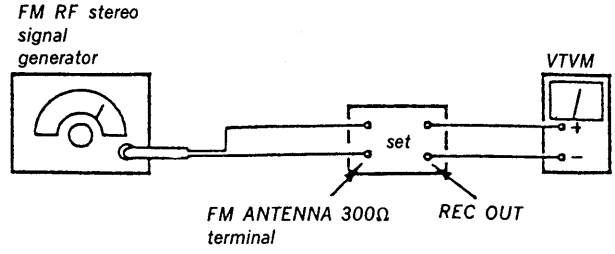


Procedure :

1. Tune the set to 98MHz.
2. Adjust RV24 so that the STEREO LED goes on.

• FM Stereo Separation Adjustment

Setting :



Carrier frequency : 98MHz
Output level : 60dBμ
Modulation :
Audio (1kHz) : 33.75kHz dev. (45%)
Pilot (19kHz) : 7.5kHz dev. (10%)
Sub-channel (38kHz) : 33.75kHz dev. (45%)

Procedure :

Tune the set to 98MHz.

FM stereo signal generator output channel	VTVM connection	VTVM reading (dB)
L-CH	L-CH	Ⓐ
R-CH	L-CH	Ⓑ Adjust RV21 for minimum reading.
R-CH	R-CH	Ⓒ
L-CH	R-CH	Ⓓ Adjust RV21 for minimum reading.

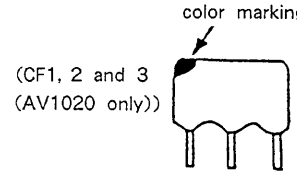
L-CH Stereo separation : Ⓐ−Ⓑ

R-CH Stereo separation : Ⓒ−Ⓓ

The separations of both channels should be equal.

Note on Ceramic Filter (CF1, 2 and 3 (AV1020 only)) Replacement.

This set employs two ceramic filters (CF1, 2 and 3 (AV1020 only)) which should have the same color marking to identify their center frequency. Therefore FM IF offset adjustment by D234, D235 mounted is necessary to match the center frequency of the ceramic filters used with FM intermediate frequency.

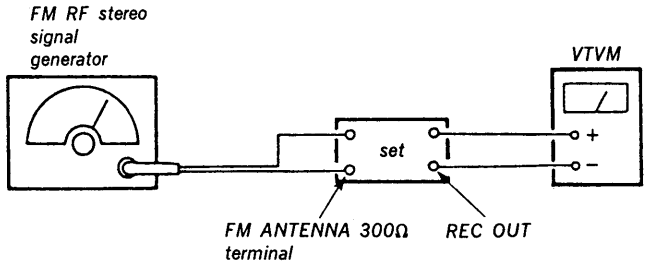


○ : Mounted
× : not Mounted

Ceramic filter		Mount		FM intermediate frequency (MHz)
Color mark	Center frequency (MHz)	IF+50k (D234)	IF−50k (D235)	
White	10.750	○	×	10.750
Red	10.700	○	○	10.700
Black	10.650	×	○	10.650

• Auto Stop Level Adjustment

Setting :



Carrier frequency : 98MHz

Output level : 40dBμ or 45dBμ

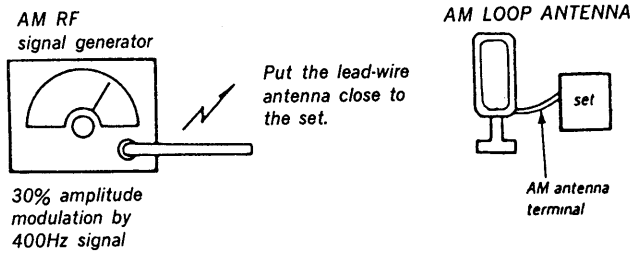
Procedure :

1. Turn the High/Low select switch to High.
2. Adjust RV25 so that the TUNED LED goes on.

AM SECTION

• AM Meter Adjustment

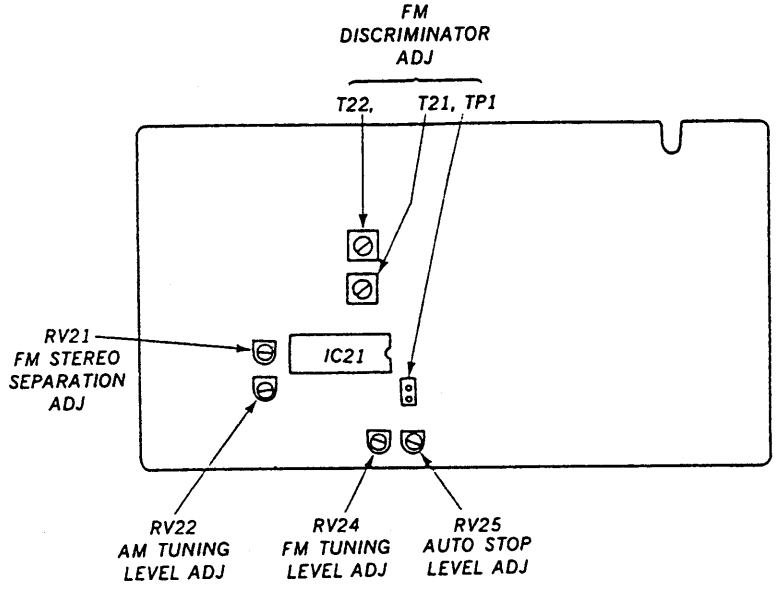
Setting :


AM RF signal generator
Put the lead-wire antenna close to the set.
AM LOOP ANTENNA
set
30% amplitude modulation by 400Hz signal
AM antenna terminal

Procedure :

1. Tune the set to 1,050kHz.
2. Adjust the RV22 so that the TUNED LED goes on.

Adjustment Location : tuner board



AMP SECTION

DC Bias Adjustment

- Perform this adjustment after replacement of power amp or drive circuit transistors.

Setting :

VOLUME : 0

SPEAKERS : OFF (no load)

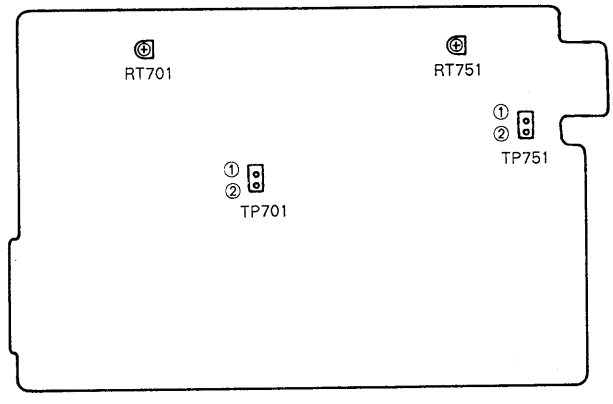
Procedures :

1. Connect the digital voltmeter to Bias Test Point (TP-701 ①, ② L-CH, TP-751 ①, ② R-CH).
2. Increase the AC power voltage gradually to 120V confirming that the voltmeter will not indicate an abnormal value.
3. Confirm that the display is normal.
4. Adjust RT701 (L-ch) or RT751 (R-ch) so that the reading on the voltmeter becomes 4mV within 30 seconds after the power turned on.

Note : It is normal that the voltage will increase as time passes.

5. Turn the power off and remove the digital voltmeter.

Adjustment Location : main board



EXPLANATION OF IC502 (μ PD75516)

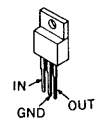
P No.		SIGNAL NAME	FUNCTION	I/O	ACT
1.	ANo	POWER IN	MAIN/LINK POWER	I	–
2.	AVREF	A/D Vref	A/D REFERENCE	–	–
3.	VDD	VDD	POWER SUPPLY	–	–
4.	VDD	VDD	POWER SUPPLY	–	–
5.	P113	T. LEVEL	TUNING LEVEL SELECT	O	H
6.	P112	T. MUTE	TUNER MUTING	O	H
7.	P111	ES. DATA	EQ SERIAL DATA	O	L
8.	P110	ES. CLOCK	EQ SERIAL CLOCK	O	L
9.	P103	DBFB	DBFB ON/OFF	O	L
10.	P102	K/O-C	KEY OUT CONTROL A2	O	H
11.	P101	K/O-B	KEY OUT CONTROL A1	O	H
12.	P100	K/O-A	KEY OUT CONTROL A0	O	H
13.	P93	TAPE2	TAPE2 MONITOR ON/OFF	O	H
14.	P92	K/I-C	KEY IN CONTROL A2	O	H
15.	P91	K/I-B	KEY IN CONTROL A1	O	H
16.	P90	K/I-A	KEY IN CONTROL A0	O	H
17.	P83	N. C		I	–
18.	P82	FLS. DATA	FL DRIVER SERIAL DATA	O	H
19.	P81	FLS. CLOCK	FL DRIVER SERIAL CLOCK	O	H
20.	P80	KEY-IN	KEY INPUT	I	H
21.	P73	VOL -	VOLUME DOWN	O	H
22.	P72	VOL +	VOLUME UP	O	H
23.	P71	FL. LS	FL DRIVER LATCH	O	H
24.	P70	FL. CL	FL DRIVER CLEAR	O	L
25.	P63	L. CE	LED DRIVER LATCH	O	H
26.	P62	L. CL	LED DRIVER CLEAR	O	L
27.	P61	IF-DIN	IF COUNT DATA INPUT	I	H
28.	P60	T-A. S	TUNER AUTO STOP	I	L
29.	P53	SAME	SAME ON/OFF	O	H
30.	P52	SUB/SURR	REAR AMP SELECT	O	H
31.	P51	SUB. MUTE	SUB SIGNAL MUTING	O	L
32.	P50	F. MUTE	FUNCTION MUTING	O	L
33.	GND		GND	–	–
34.	P43	-20dB MUTE	-20dB MUTING	O	L
35.	P42	P. MUTE	PROTECTOR MUTING	O	L
36.	P41	SUB. RY	POWER RELAY	O	H
37.	P40	SURR. RY	SPEAKER RELAY	O	H
38.	P33	P. RY	SUB OUT RELAY	O	H
39.	P32	S. RY	SURROUND OUT RELAY	O	H
40.	P31	S. CLOCK	SERIAL CLOCK	O	H
41.	P30	S. DATA	SERIAL DATA	O	H
42.	P23	S. CE	SERIAL LATCH	O	H
43.	P22	D. CE	DIGITAL DELAY LATCH	O	H
44.	P21	VIDEO A	VIDEO CONTROL A	O	H
45.	P20	VIDEO B	VIDEO CONTROL B	O	H
46.	P13	STEREO IN	TUNER STEREO SIGNAL INPUT	I	L
47.	P12	PROTE IN	PROTECTOR INPUT	I	L
48.	P11	RM-2	REMOCON SUB INPUT	I	L
49.	P10	RM-1	REMOCON MAIN INPUT	I	L
50.	P03	A. CE	AUTOMATIC GAUGE LATCH	I	L

P No.		SIGNAL NAME	FUNCTION	I/O	ACT
51.	P02	N. C		I	–
52.	P01	N. C		I	–
53.	P00	STOP	POWER OFF DET	I	L
54.	GND		GND	–	–
55.	XT–1			–	–
56.	XT–2			–	–
57.	IC			–	–
58.	X–1	OSC	4.19MHz CERAMIC	–	–
59.	X–2	OSC	4.19MHz CERAMIC	–	–
60.	RESET	RES	POWER ON RESET	I	L
61.	P143	PRO 1	PROLOGIC MODE SELECT	O	H
62.	P142	PRO 2	PROLOGIC MODE SELECT	O	H
63.	P141	PRO 3	PROLOGIC MODE SELECT	O	H
64.	P140	PRO 4	PROLOGIC MODE SELECT	O	H
65.	P133	VIDEO C	VIDEO CONTROL C	O	H
66.	P132	TEST. TONE	TEST TONE ON/OFF	O	H
67.	P131	TEST B	TEST TONE SELECT	O	H
68.	P130	TEST A	TEST TONE SELECT	O	H
69.	P123	S. CONT	RM–2 CONTROL	O	H
70.	P122	SURR–C	SURR MODE SELECT	O	H
71.	P121	SURR–B	SURR MODE SELECT	O	H
72.	P120	SURR–A	SURR MODE SELECT	O	H
73.	AVss		ANALOG GND	–	–
74.	AN7	A/D I ch7	SPEANA INPUT △16K	I	–
75.	AN6	A/D I ch6	SPEANA INPUT △6.3K	I	–
76.	AN5	A/D I ch5	SPEANA INPUT △2.5K	I	–
77.	AN4	A/D I ch4	SPEANA INPUT 1K	I	–
78.	AN3	A/D I ch3	SPEANA INPUT △400	I	–
79.	AN2	A/D I ch2	SPEANA INPUT △160	I	–
80.	AN1	A/D I ch1	SPEANA INPUT △63	I	–

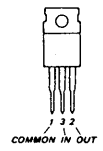
SECTION 3
DIAGRAMS

3-1. SEMICONDUCTOR LEAD LAYOUTS

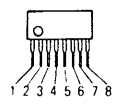
M5F78M05
M5F78M12



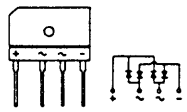
M5F79M12



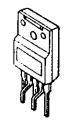
M5218AL
M5218AP



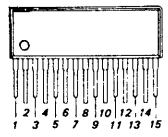
RBV-602



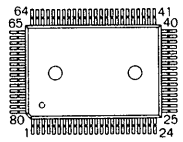
SI-18751



STK-3102-MK3
STK-3122-3

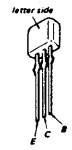


μPD75516GF-141-3139

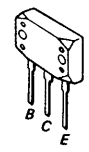


2SA988-F

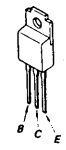
2SA1175-HFE
2SC2785



2SA1215-OY
2SC2921-OPY

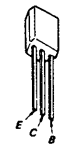


2SA1684-LK
2SC4431-LK



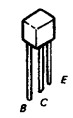
2SD774-34

DTA114ES
DTA124ES
DTC114ES
DTC124ES
DTC143TS
2SC2603-EF
2SC2669

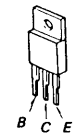


2SC1841-PAFAEA

2SC3623A-LK

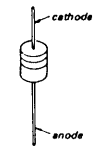


2SD2012

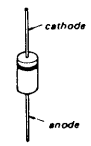


2SK246GR
2SK246Y

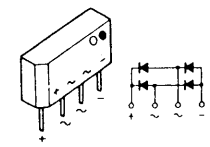
1SS120
11ES2
HZS6C3L
HZS30-3L
UZP-3.6B



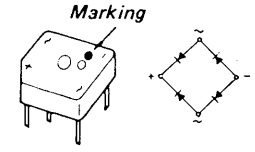
HZ4ALL



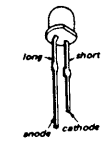
S1VB40



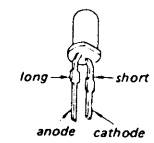
S4VB60



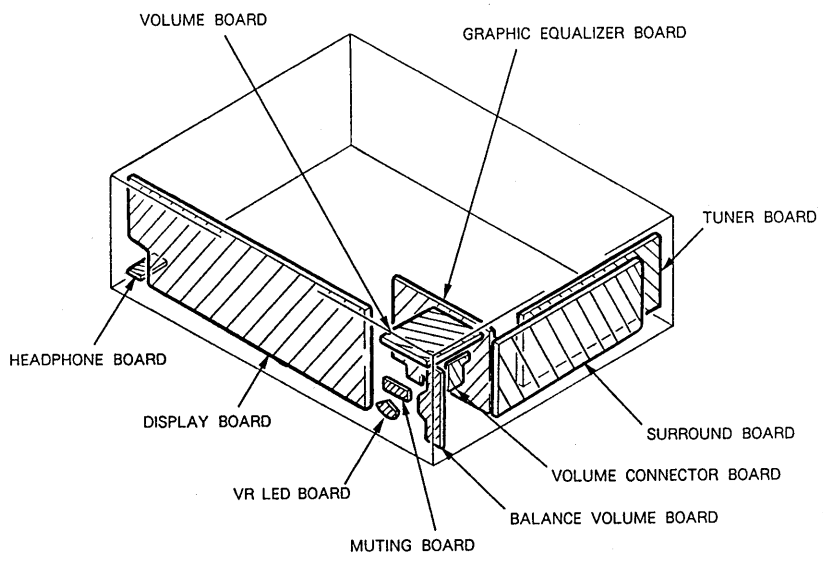
SEL2510C

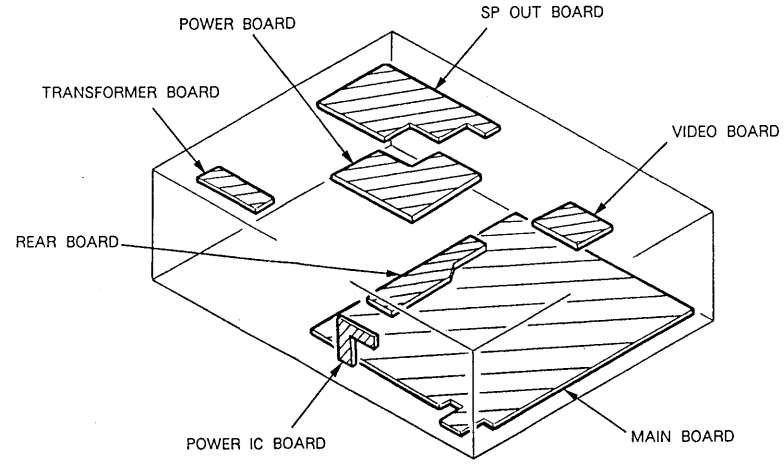


SEL2810A-C



3-2. CIRCUIT BOARDS LOCATION





3-3. PRINTED WIRING BOARDS —MAIN SECTION—

• Refer to page 12 for Semiconductor Lead Layouts.

• SEMICONDUCTOR LOCATION

Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
IC251	J-6	Q601	D-15	Q507	B-19
IC501	C-10	Q602	C-15	Q508	F-10
IC502	E-11	Q603	G-18	Q571	A-11
IC503	E-15	Q641	C-14	Q572	A-11
IC504	H-12	Q642	C-15	Q574	H-13
IC505	G-13	Q651	D-16	Q575	H-13
IC506	C-11	Q691	C-14	Q601	C-15
IC507	B-12	Q692	C-15	Q641	C-13
IC508	G-10	Q701	J-18	Q642	F-14
IC601	C-19	Q703	I-19	Q691	C-13
IC602	D-20	Q704	I-18	Q692	F-14
IC603	F-20	Q705	J-19	Q701	I-18
IC604	B-17	Q706	J-16	Q703	I-19
IC605	E-16	Q707	I-19	Q704	H-17
IC606	E-18	Q708	H-17	Q705	G-13
IC607	E-17	Q719	G-14	Q706	G-14
IC608	F-16	Q721	G-15	Q707	G-14
IC609	I-20	Q722	G-14	Q731	F-26
IC701	H-19	Q723	G-14	Q732	F-24
IC731	F-27	Q731	F-26	Q733	F-24
IC781	F-28	Q732	C-24	Q748	C-25
IC831	I-1	Q733	F-24	Q749	C-25
IC832	J-1	Q751	I-12	Q751	I-13
IC881	J-1	Q753	I-13	Q753	I-14
		Q754	I-13	Q754	I-12
Q251	J-5	Q755	J-13	Q781	F-26
Q252	J-7	Q756	J-11	Q798	C-25
Q501	B-19	Q757	I-14	Q799	C-25
Q502	D-12	Q758	I-12	Q801	J-15
Q503	D-12	Q781	F-26	Q802	I-12
Q504	E-11	Q782	C-24	Q808	E-2
Q505	E-11	Q801	I-11	Q809	E-1
Q506	E-11	Q811	E-3	Q810	E-1
Q507	E-11	Q812	E-5	Q811	E-1
Q508	D-12	Q813	E-2	Q812	E-1
Q509	F-10	Q814	E-3	Q813	D-1
Q510	F-15	Q815	E-4	Q814	E-3
Q511	F-11	Q816	E-4	Q815	E-2
Q512	E-15			Q816	E-3
Q513	E-15			Q817	E-4
		D401	I-31		
Q514	B-19	D501	F-12	D831	H-9
Q515	C-12	D502	D-10	D852	I-9
Q571	F-13	D503	D-12		
Q572	F-14	D505	D-10		
Q573	B-10	D506	B-19		

Note on Mounting Diagram:

★ G—— : parts extracted from the component side.

【POWER BOARD】

【TRANSFORMER BOARD】

【POWER IC BOARD】

【MAIN BOARD】

【VIDEO BOARD】

【SP OUT BOARD】

【HEADPHONE BOARD】

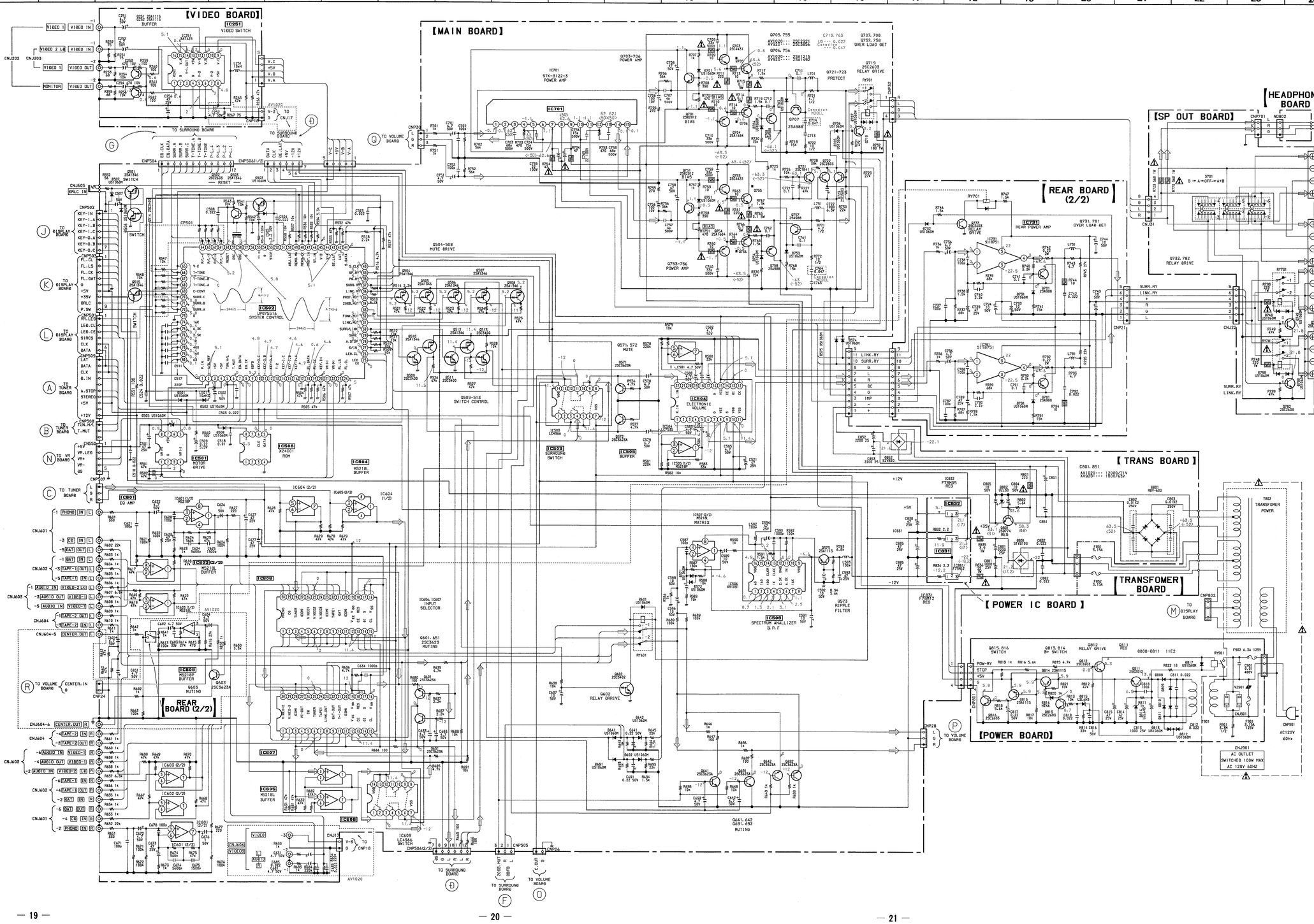
【REAR BOARD】

【VOLUME BOARD】

【VOLUME CONNECTOR BOARD】

【BALANCE VOLUME BOARD】

【VR LED BOARD】



Note on Schematic Diagram:

- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and ¼W or less unless otherwise specified. (TUNER BOARD ½W)
- Components for right channel have same values as for left channel. Reference numbers are coded from
- : nonflammable resistor.
- Switch with sliding contact indicated by hatched lines shows shorting type.

- : B+ Line
- : B− Line
- : adjustment for repair.
- A.C voltage readings in the bias oscillator with a VTVM.
- Voltages are taken with a VOM (Input Impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
  no mark : AV1020
  ( ) : AV920
- Signal path.
  : FM

Note:
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

Note:
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

	A	B	C
OFF	H	H	L
HALL	L	H	L
S.ST	L	L	L
DOLBY	H	H	H

【SURROUND BOARD】

【GRAPHIC EQUALIZER BOARD】

【VOLUME BOARD】

【VR LED BOARD】

【BALANCE VOLUME BOARD】

Note on Schematic Diagram:

- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and ¼W or less unless otherwise specified. (TUNER BOARD ½W)
- Components for right channel have same values as for left channel. Reference numbers are coded from
- : nonflammable resistor.
- Switch with sliding contact indicated by hatched lines shows shorting type.
- : B+ Line
- : B– Line
- : adjustment for repair.
- AC voltage readings in the bias oscillator with a VTVM.
- Voltages are taken with a VOM (Input Impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
- Signal path. : FM

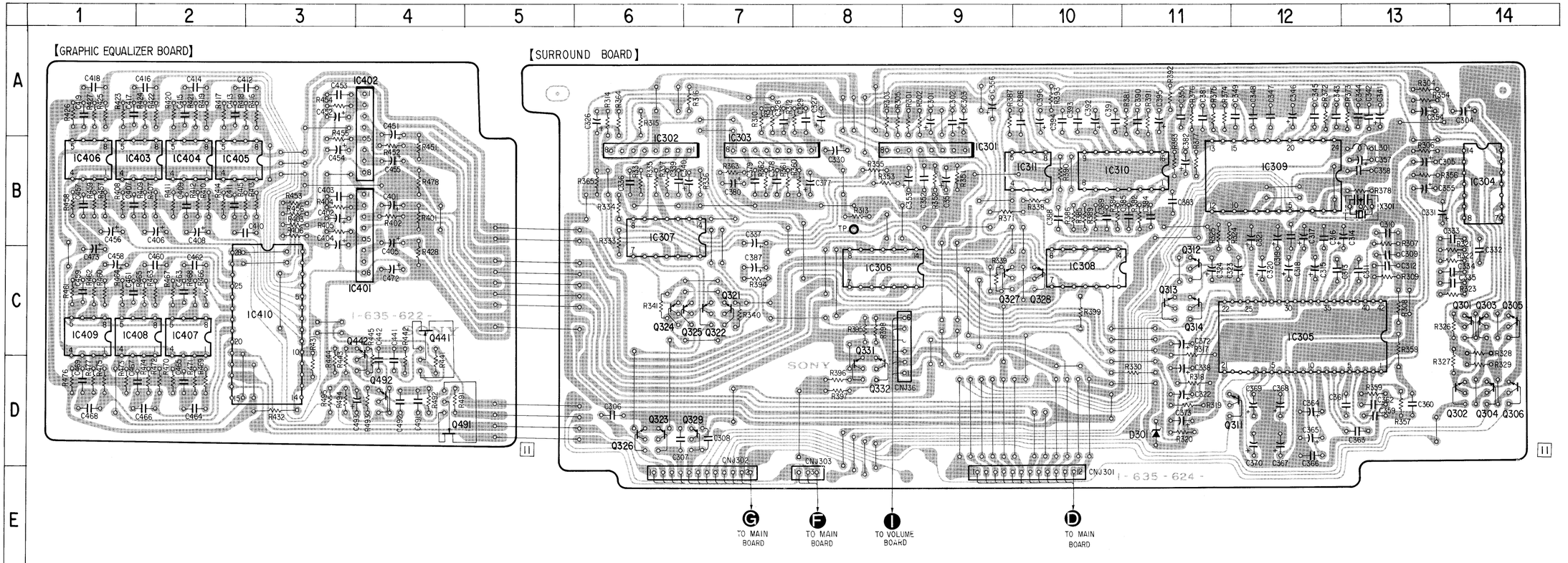
Note:	Note:
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

3-6. PRINTED WIRING BOARDS －SURROUND／GRAPHIC EQUALIZER SECTION (STR-AV1020) －

• Refer to page 12 for Semiconductor Lead Layouts.

【GRAPHIC EQUALIZER BOARD】

【SURROUND BOARD】



Note on Mounting Diagram:

• o—— : parts extracted from the component side.

• SEMICONDUCTOR LOCATION

Ref. No.	Location
IC301	B-9
IC302	B-6
IC303	B-7
IC304	B-14
IC305	C-12
IC306	C-8
IC307	B-6
IC308	C-10
IC309	B-12
IC310	B-10
IC311	B-10
IC401	C-4
IC402	A-4
IC403	B-2
IC404	B-2
IC405	B-2
IC406	B-1
IC407	C-2
IC408	C-2
IC409	C-1
IC410	C-3
Q301	C-14
Q302	D-14
Q303	C-14
Q304	D-14
Q305	C-14
Q306	D-14
Q311	D-12
Q312	C-11
Q313	C-11
Q314	C-11
Q321	C-7
Q322	C-7
Q323	D-6
Q324	C-6
Q325	C-7
Q326	D-6
Q327	C-9
Q328	C-10
Q329	D-7
Q331	D-8
Q332	D-8
Q441	C-4
Q442	C-4
Q491	D-4
Q492	D-4
D301	D-11

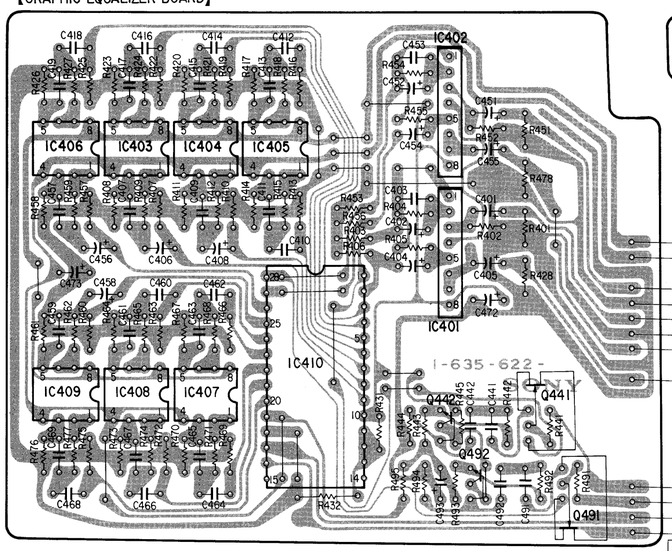
• SEMICONDUCTOR LOCATION

Ref. No.	Location
IC301	B-9
IC302	B-6
IC303	B-7
IC307	B-6
IC309	B-12
IC310	B-10
IC311	B-10
IC401	C-4
IC402	A-4
IC403	B-2
IC404	B-2
IC405	B-2
IC406	B-1
IC407	C-2
IC408	C-2
IC409	C-1
IC410	C-3
Q321	C-7
Q322	C-7
Q323	D-6
Q324	C-6
Q325	C-7
Q326	D-6
Q331	D-8
Q441	C-4
Q442	C-4
Q491	D-4
Q492	D-4
D301	D-11

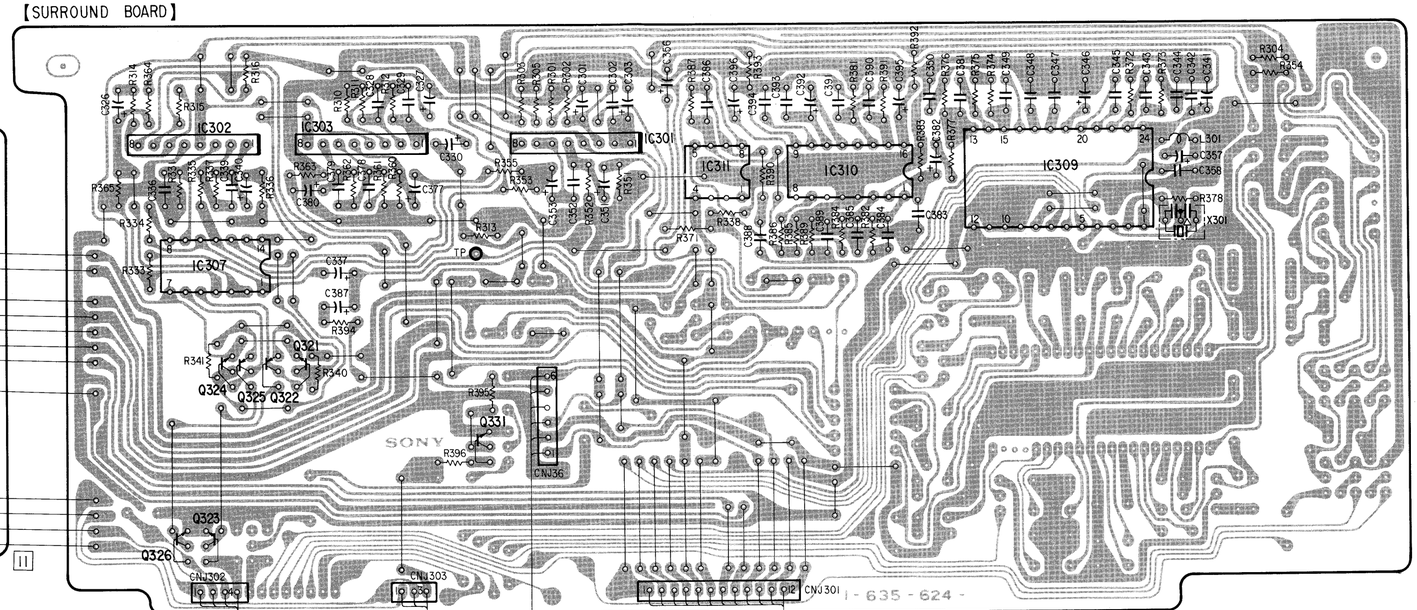
3-7. PRINTED WIRING BOARDS –SURROUND/GRAPHIC EQUALIZER SECTION (STR-AV920) –

• Refer to page 12 for Semiconductor Lead Layouts.

【GRAPHIC EQUALIZER BOARD】



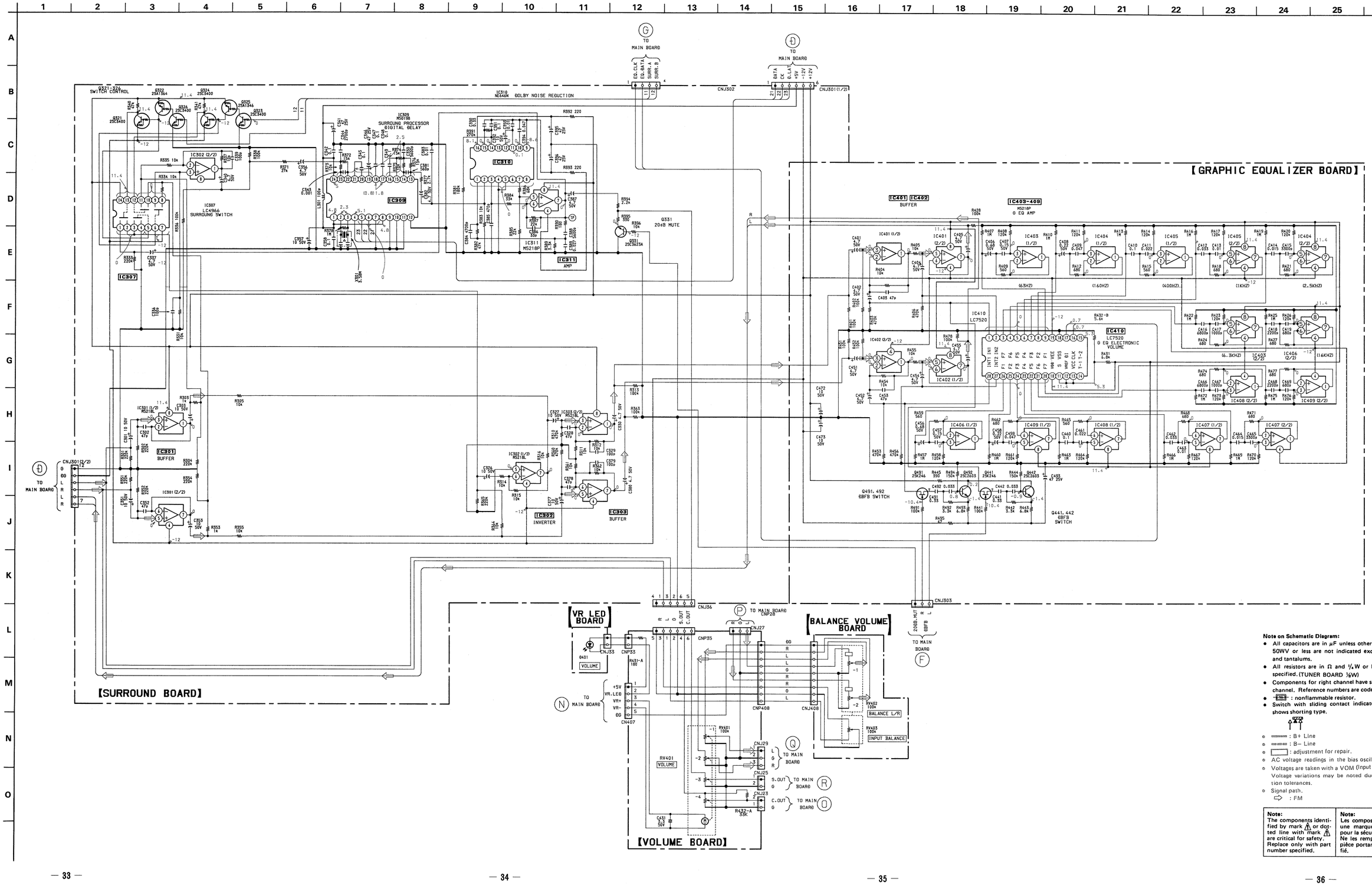
【SURROUND BOARD】



TO MAIN BOARD (G)
TO MAIN BOARD (F)
TO VOLUME BOARD (I)
TO MAIN BOARD (D)

Note on Mounting Diagram:

• o—— : parts extracted from the component side.

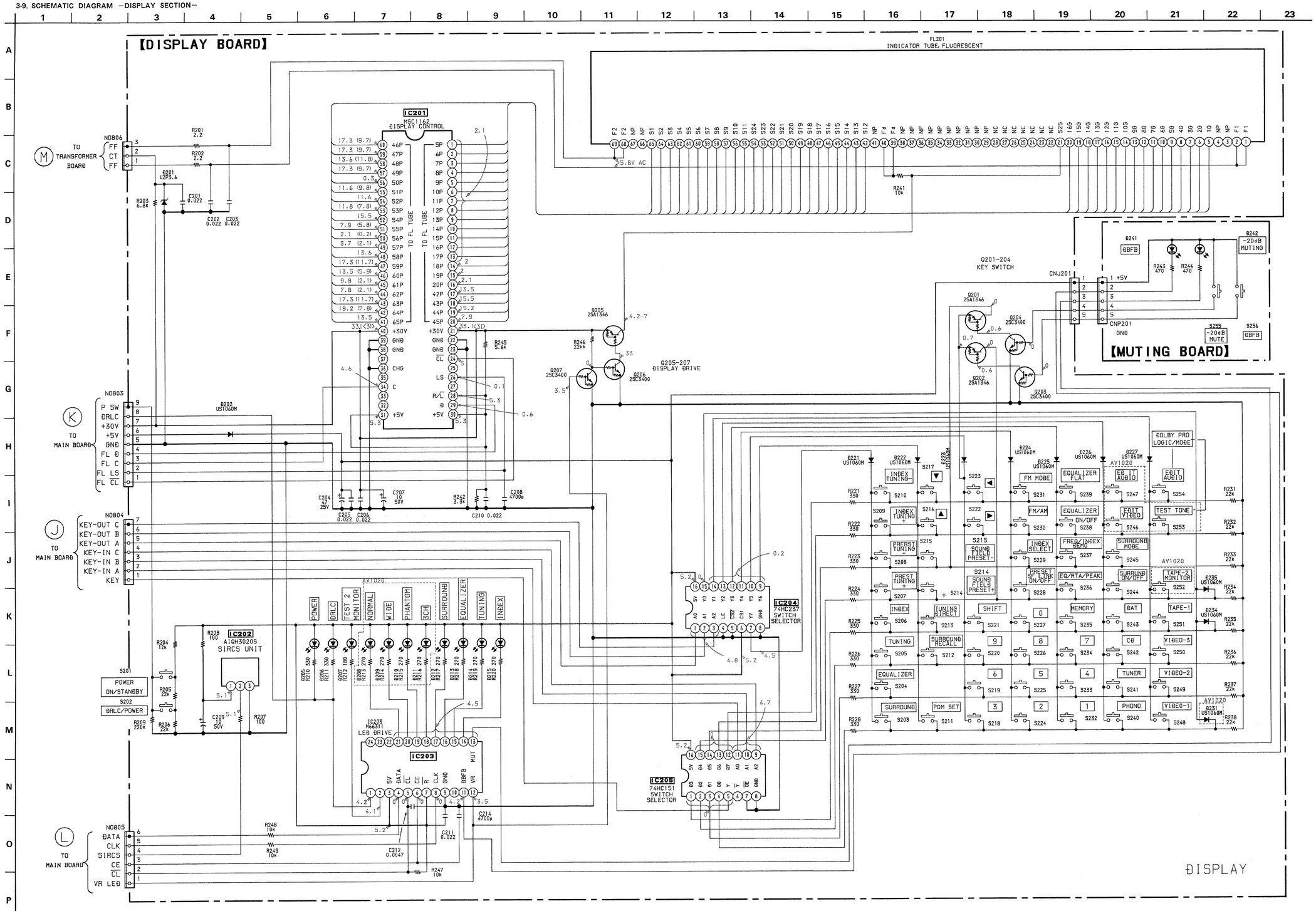


Note on Schematic Diagram:

- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified. (TUNER BOARD 1/4W)
- Components for right channel have same values as for left channel. Reference numbers are coded from
- : nonflammable resistor.
- Switch with sliding contact indicated by hatched lines shows shorting type.

- : B+ Line
- : B– Line
- : adjustment for repair.
- AC voltage readings in the bias oscillator with a VTVM.
- Voltages are taken with a VOM (Input Impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
- Signal path. : FM

Note:	Note:
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

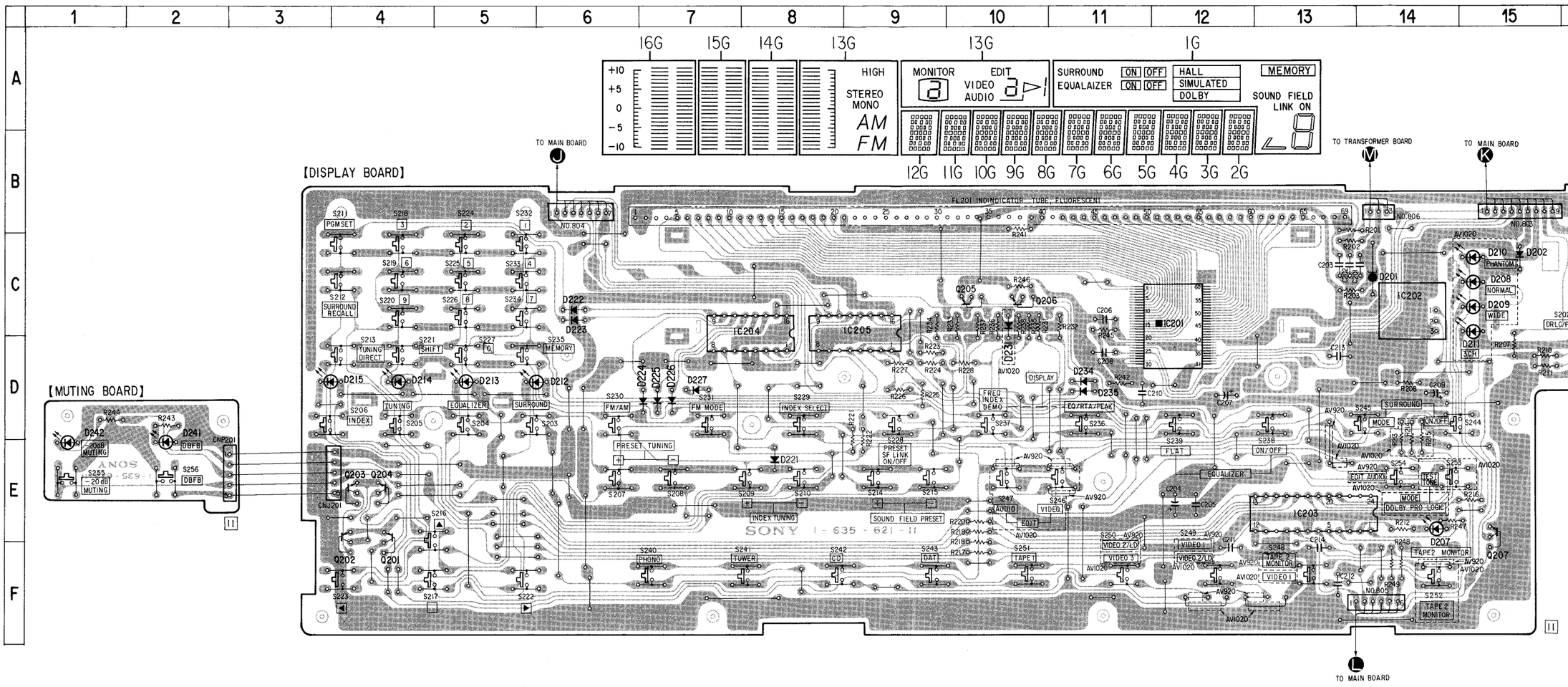


Note on Schematic Diagram:

- All capacitors are in μF unless otherwise noted. pF: μμF
  50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified. (TUNER BOARD 1/8W)
- Components for right channel have same values as for left channel. Reference numbers are coded from
- : nonflammable resistor.
- Switch with sliding contact indicated by hatched lines shows shorting type.

- : B+ Line
- : B− Line
- : adjustment for repair.
- AC voltage readings in the bias oscillator with a VTVM.
- Voltages are taken with a VOM (Input Impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
  no mark : AV1020
  ( ) : AV920
  ( ) : AM

Note:	**Note:**
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



• **SEMICONDUCTOR LOCATION**

Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
IC201	C-12	D201	C-14	D221	E-8
IC202	C-14	D202	C-15	D222	C-6
IC203	E-13	D205	D-16	D223	C-6
IC204	C-8	D206	D-16	D224	D-7
IC205	C-9	D207	E-14	D225	D-7
		D208	C-15	D226	D-7
Q201	F-4	D209	C-15	D227	D-7
Q202	F-4	D210	C-15	D231	D-10
Q203	E-4	D211	C-15	D234	D-11
Q204	E-4	D212	D-6	D235	D-11
Q205	C-10				
		D213	D-5	D241	E-2
Q206	C-10	D214	D-4	D242	E-1
Q207	E-15	D215	D-4		

Note on Mounting Diagram:

• o—— : parts extracted from the component side.

• Refer to page 12 for Semiconductor Lead Layouts.

• Semiconductor Location

Ref. No.	Location
IC21	D–6
IC81	B–3
Q1	C–3
Q2	C–4
Q3	C–4
Q4	C–4
Q21	C–7
Q22	C–7
Q23	C–5
Q24	C–5
Q25	E–5
Q81	B–5
Q82	B–5
Q83	B–2
Q84	A–2

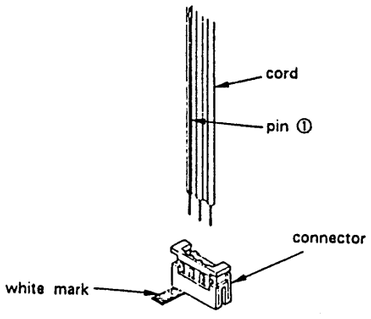
Note on Mounting Diagram:

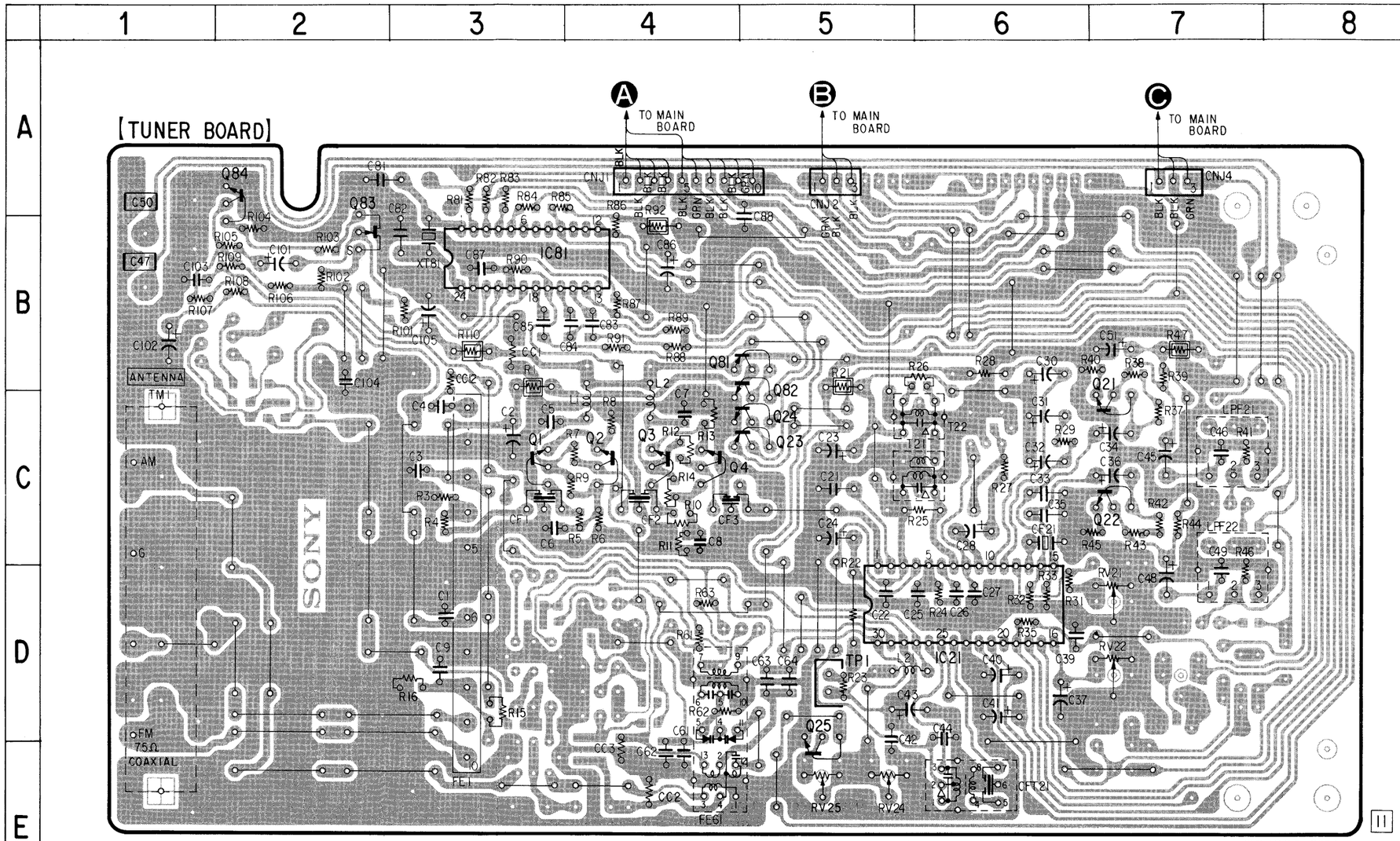
• o—— : parts extracted from the component side.

[Note on Inserting the Cord to the Connector on Tuner Board]

• Insert the cord to the connector fitting Pin ① of the cord in accordance with the white mark on the board at the connector as shown in the figure.

• In case of 3 pin cord, insert the cord fitting each color of the connector on Tuner Board and Main Board.





3-12. SCHEMATIC DIAGRAM —TUNER SECTION (STR-AV1020) —

• Refer to page 22 for note.

1 2 3 4 5 6 7 8 9 10 11 12 13 14

A B C D E F G H I J

【TUNER BOARD】

ANTENNA
FM 75Ω COAXIAL
F
CONECT
G
AM

IF AMP
Q1 2SC2669
Q2 2SC2669
Q3 2SC2669
Q4 2SC2669

IC21 LA1851N
FM/AM MPX

IC81 LC7218
PLL

Q21 2SC3330
Q22 2SC3330
Q23 2SA1348
Q24 2SC3402
Q25 2SC3402
Q81 2SA1348
Q82 2SC4402
Q83 2SK246 GR3
Q84 2SC3112A

MONO SW
FM/AM SW
AF AMP
FM TUNING
FM SEP
LPF

CNJ1
PLL/CE
S.DATA
S.CLOCK
DATA OUT(PLL)
GND
TUNED
STEREO
+5V
N.C
+12V

A TO MAIN BOARD CNP509

CNJ2
TUNING LEVEL
TUNER MUTE
N.C

B TO MAIN BOARD CNP508

CNJ4
TUNER/L
GND
TUNER/R

C TO MAIN BOARD CNP507

no mark : FM mode
( ) : AM mode

• Refer to page 12 for Semiconductor Lead Layouts.

• Semiconductor Location

Ref. No.	Location
IC21	D-6
IC81	B-3
Q1	C-3
Q2	C-4
Q21	C-7
Q22	D-7
Q23	C-5
Q24	C-5
Q25	D-5
Q81	B-5
Q82	C-5
Q83	B-2
Q84	A-2

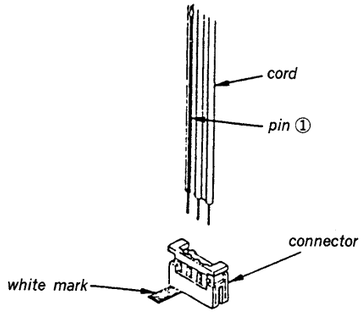
Note on Printed Wiring Board:

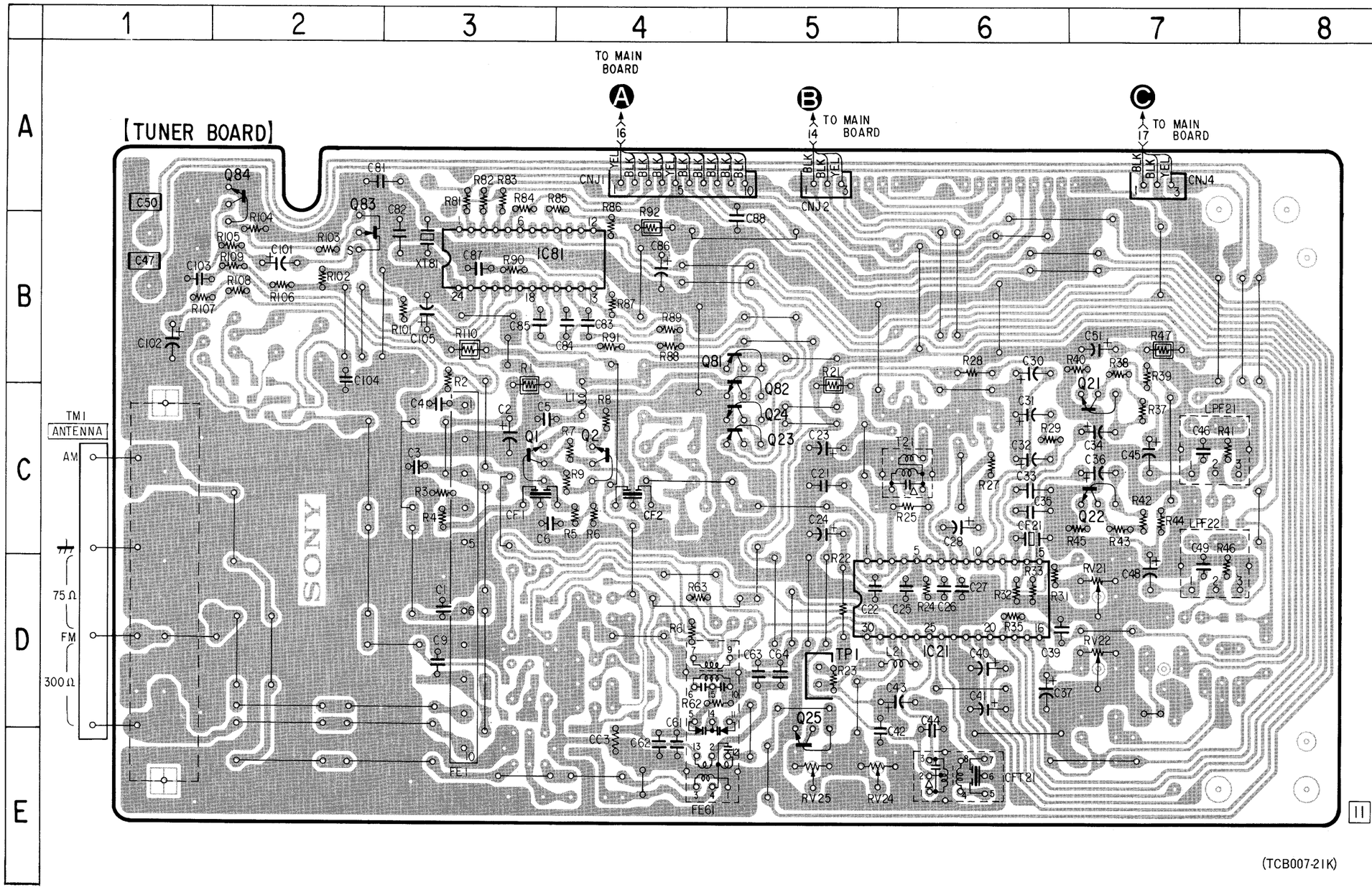
• ○—— : parts extracted from the component side.

[Note on inserting the Cord to the Connector on Tuner Board]

• Insert the cord to the connector fitting Pin ① of the cord in accordance with the white mark on the board at the connector as shown in the figure.

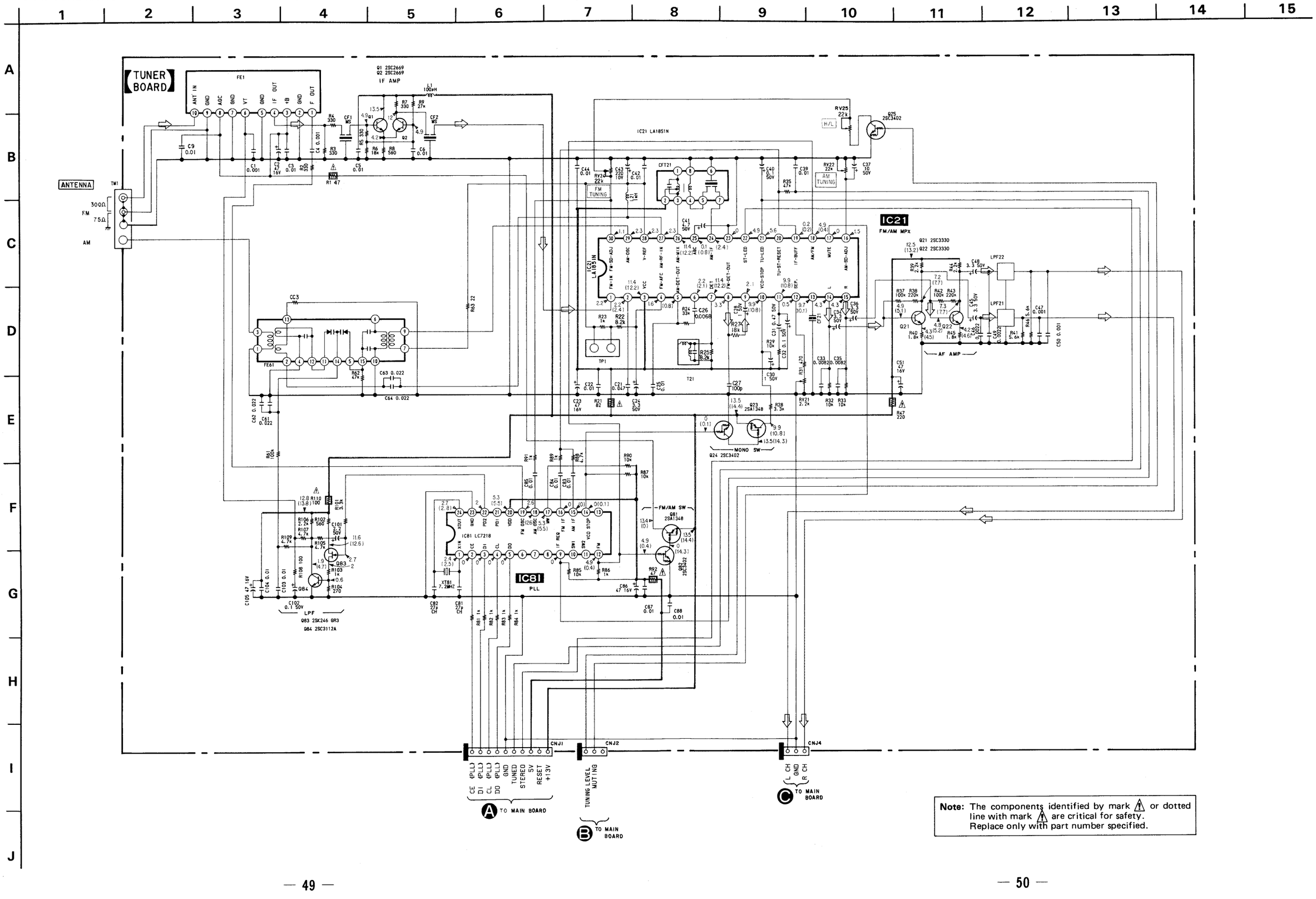
• In case of 3pin cord, insert the cord fitting each color of the connector on Tuner Board and Main Board.





(TCB007-21K)

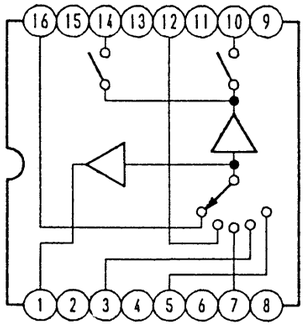
• Refer to page 22 for note.



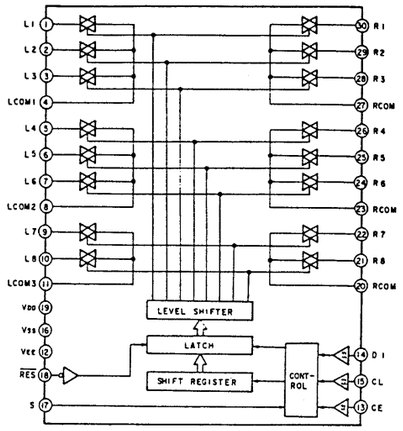
Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

3-15. IC BLOCK DIAGRAMS

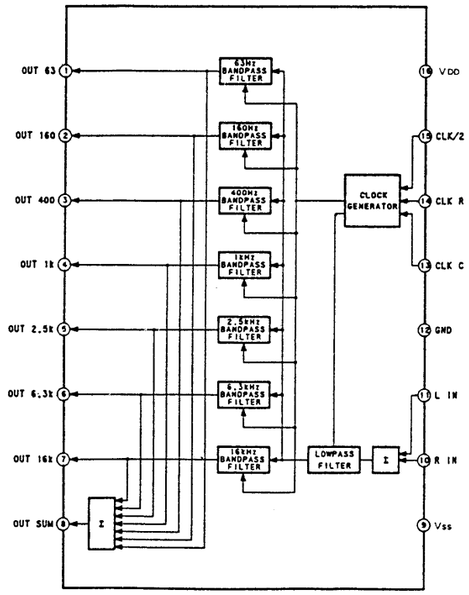
IC251 BA7625



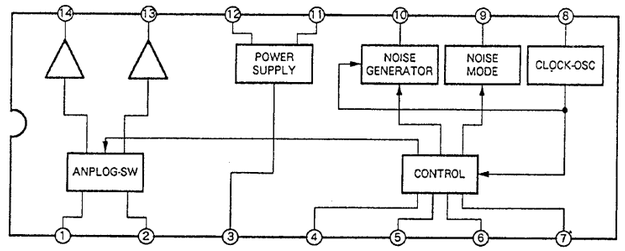
IC606, 607 LC7822



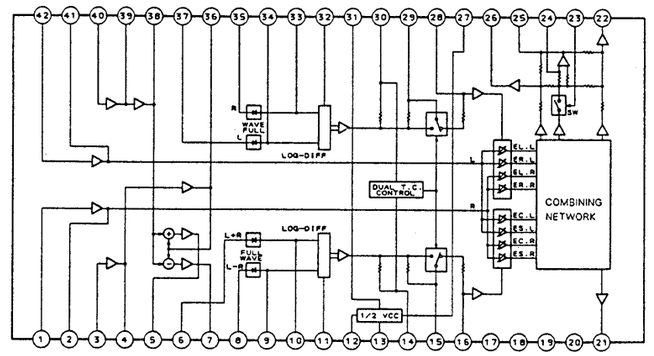
IC506 XR1091



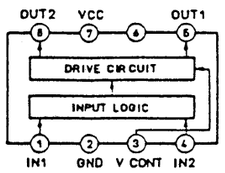
IC304 LA2775



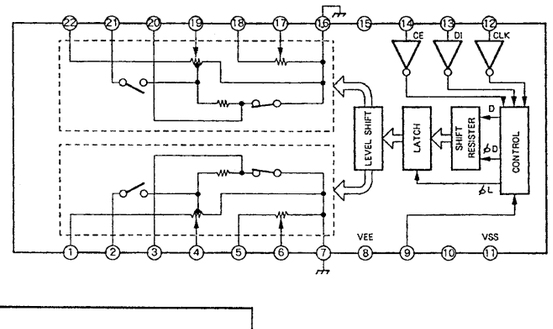
IC305 LA2770



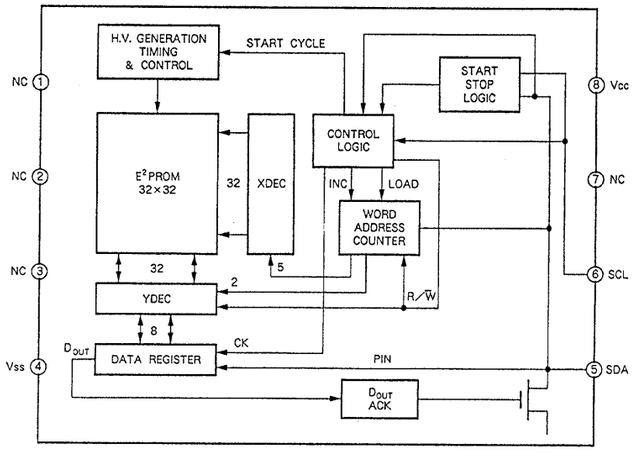
IC501 LB1639



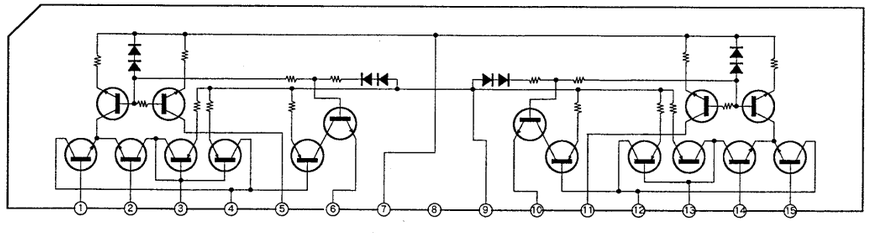
IC504 LC7535



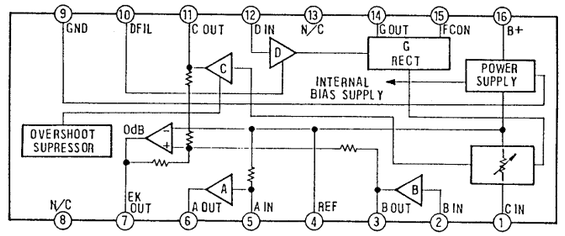
IC508 X24C01



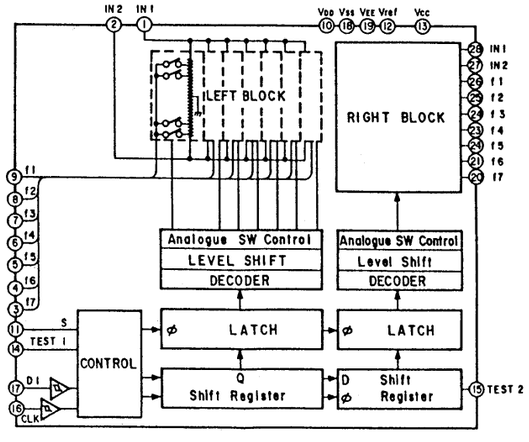
IC701 STK-3122-3



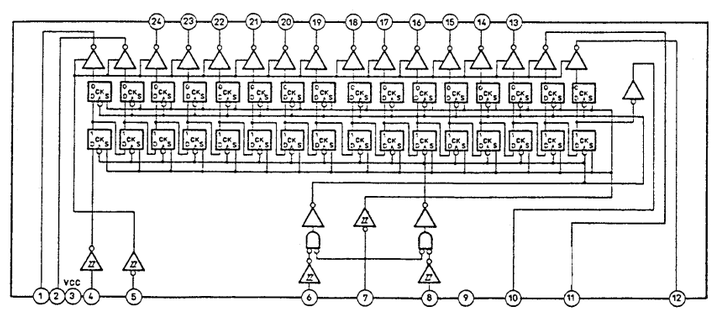
IC310 NE646N



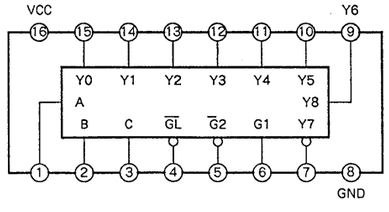
IC410 LC7520



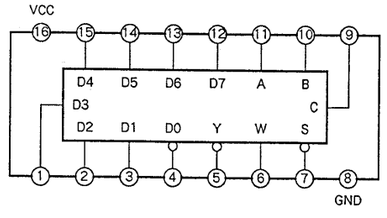
IC203 M66311



IC204 74HC237



IC205 74HC151



SECTION 4
EXPLODED VIEWS

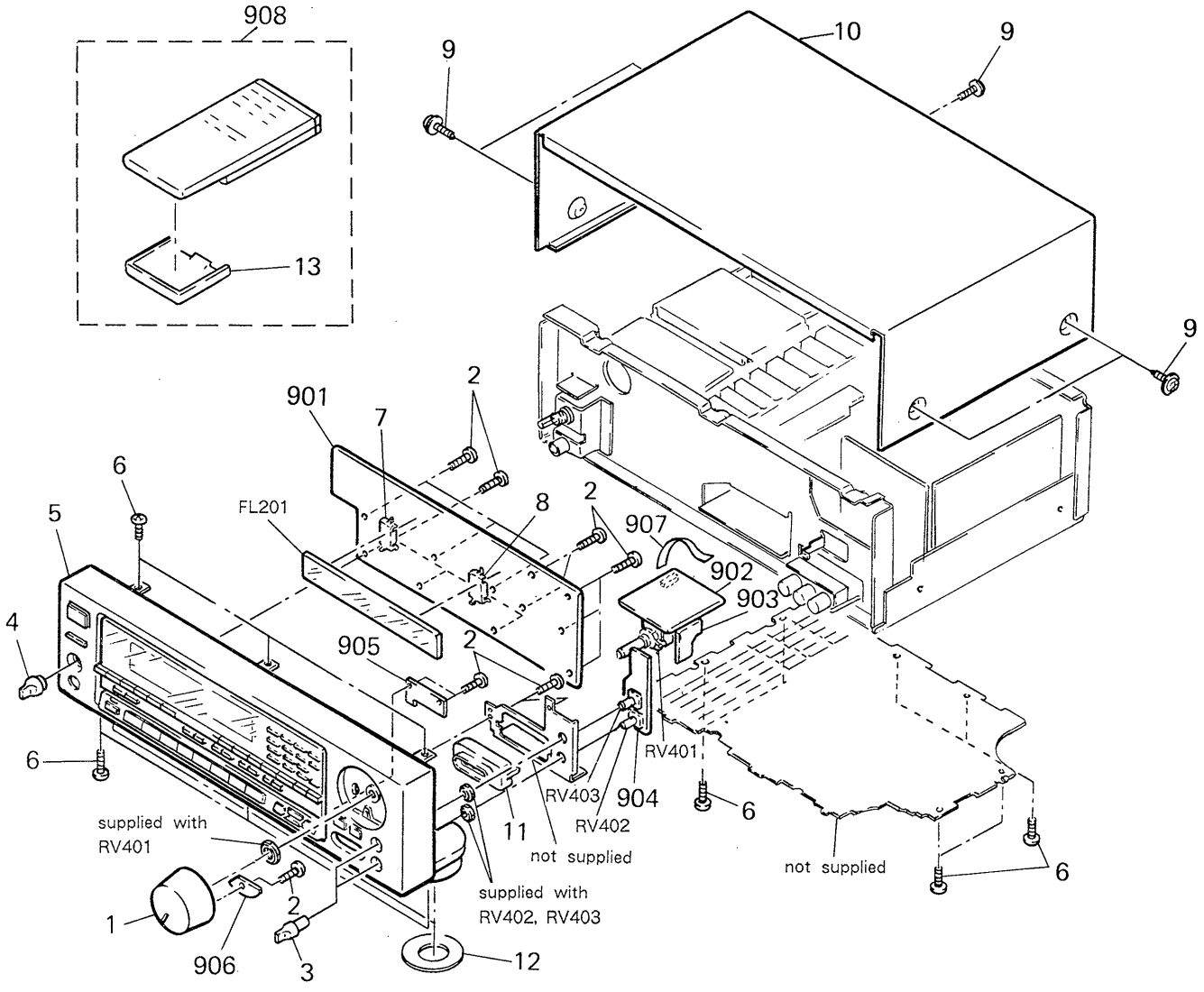
NOTE:

- The mechanical parts with no reference number in the exploded views are not supplied.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Due to standardization, parts with part number suffix -XX and -X may be different from the parts specified in the components used on the set.
- Color Indication of Appearance Parts
  Example:
  (RED) . . . KNOB, BALANCE (WHITE)
  ↑ ↑
  Cabinet's Color Parts' Color

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifé.

4-1. FRONT PANEL SECTION

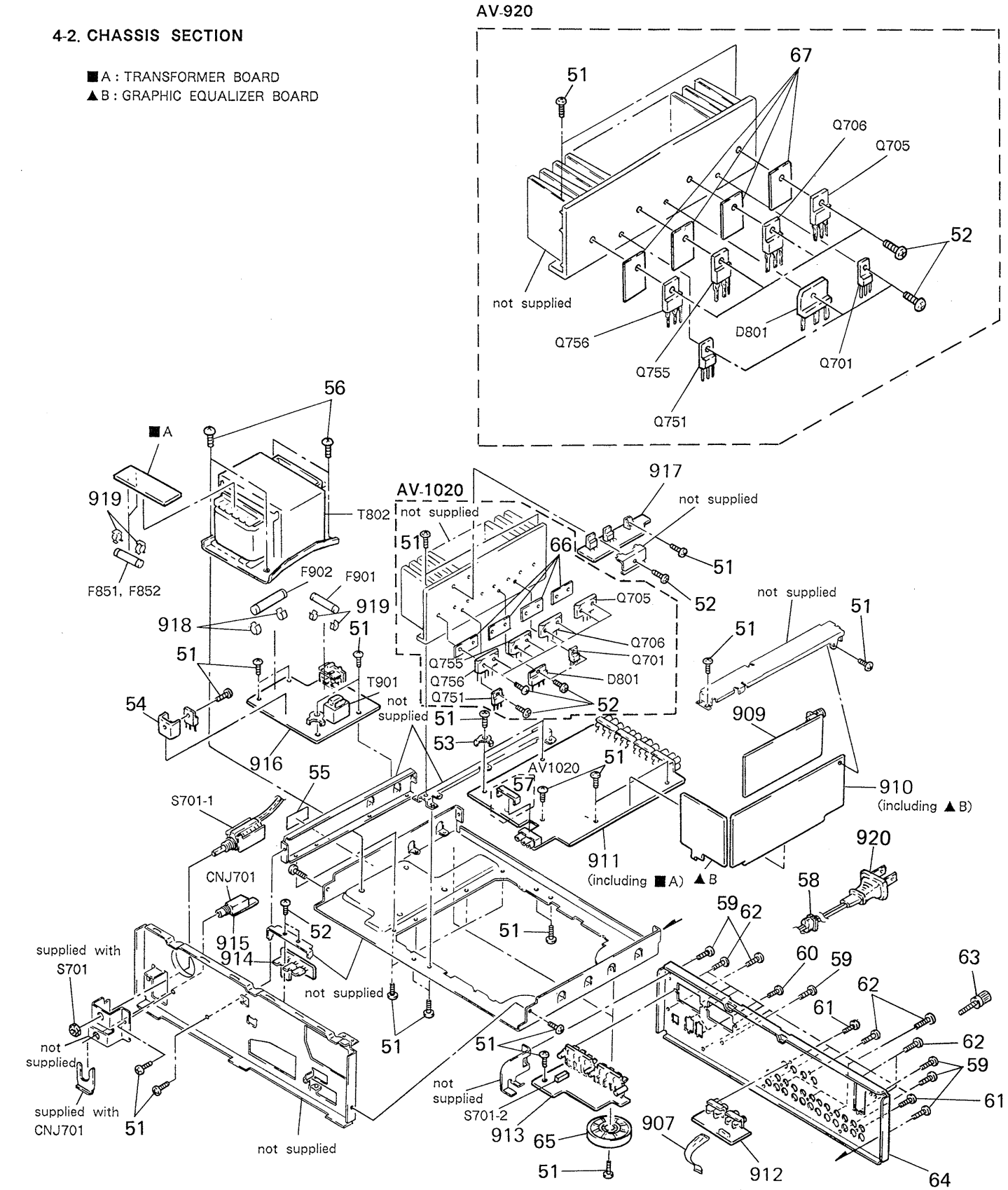


No.	Part No.	Description	Remarks
1	4-929-288-01	KNOB (VOL 47)	
2	4-928-635-01	SCREW, +BV (2.6X8) TAPPING	
3	4-925-014-01	KNOB (DIA.10)	
4	4-908-097-21	KNOB	
5	X-4906-836-1	(AV920)....PANEL ASSY, FRONT	
	X-4906-837-1	(AV1020)...PANEL ASSY, FRONT	
6	7-682-548-04	SCREW +BVTT 3X8 (S)	
7	*4-922-524-01	HOLDER (LEFT)	
8	*4-922-523-01	HOLDER (RIGHT)	
9	3-704-366-01	SCREW (CASE) (M3X8)	
10	*4-924-920-71	CASE	
11	4-938-120-01	(AV1020)...ESCUTCHEON (V3)	
12	4-923-836-11	CUSHION	
13	4-925-079-01	COVER (6), BATTERY	

No.	Part No.	Description	Remarks
901	*A-4334-755-A	(AV1020)...MOUNTED PCB, DISPLAY	
	*A-4334-785-A	(AV920)....MOUNTED PCB, DISPLAY	
902	*1-635-630-11	PC BOARD, VOLUME	
903	*1-635-632-11	PC BOARD, VOLUME CONNECTOR	
904	*1-635-629-11	PC BOARD, BALANCE VOLUME	
905	*1-635-623-11	PC BOARD, MUTING	
906	*1-635-631-11	PC BOARD, VR LED	
907	1-575-730-11	WIRE, FLAT TYPE (5 CORE)	
908	1-465-417-11	(AV1020)...REMOTE COMMANDER (RM-P301)	
	1-465-422-11	(AV920)....REMOTE COMMANDER (RM-U201)	
FL201	1-519-604-11	INDICATOR TUBE, FLUORESCENT	
RV401	1-238-655-21	RES, VAR, CARBON 100KX4 (VOLUME)	
RV402	1-238-965-11	RES, VAR, CARBON 100K/100K(BALANCE L/R)	
RV403	1-238-964-11	RES, VAR, CARBON 100K (INPUT BALANCE)	

4-2. CHASSIS SECTION

■A : TRANSFORMER BOARD
▲B : GRAPHIC EQUALIZER BOARD



No.	Part No.	Description	Remarks
51	7-682-548-04	SCREW +BVTT 3X8 (S)	
52	7-682-550-04	SCREW +BVTT 3X12 (S)	
53	*3-346-266-12	PLATE, GROUND	
54	*3-309-144-21	HEAT SINK	
55	*3-701-946-28	(Canadian)...LABEL (6.3A 125V), FUSE	
56	7-682-561-04	SCREW +BVTT 4X8 (S)	
57	*4-925-056-01	(AV1020)...CASE, SHIELD	
58	*3-703-244-00	BUSHING (2104), CORD	
59	7-682-548-09	SCREW +BVTT 3X8 (S)	
60	7-685-646-79	SCREW +BTP 3X8 TYPE2 N-S	
61	7-621-849-00	SCREW, TAPPING	
62	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S	
63	3-706-165-00	SCREW	
64	*4-931-994-01	(AV1020:US).....PANEL, BACK	
	*4-931-994-11	(AV1020:Canadian)...PANEL, BACK	
	*4-931-994-31	(AV920:US).....PANEL, BACK	
	*4-931-994-41	(AV920:Canadian)....PANEL, BACK	
65	X-4885-950-1	FOOT ASSY	
66	4-885-901-31	(AV1020)...SHEET, RADIATION	
67	4-911-232-01	(AV920)....SHEET, INSULATING	
907	1-575-730-11	WIRE, FLAT TYPE (5 CORE)	
909	*A-4303-169-A	(AV1020)...MOUNTED PCB, TUNER(TCB007-2MJ)	
	*A-4303-212-A	(AV920)....MOUNTED PCB, TUNER(TCB007-2LK)	
910	*A-4334-754-A	(AV1020)...MOUNTED PCB, SURROUND	
	*A-4334-784-A	(AV920)....MOUNTED PCB, SURROUND	
911	*A-4334-752-A	(AV1020:US).....MOUNTED PCB, MAIN	
	*A-4334-783-A	(AV920:US).....MOUNTED PCB, MAIN	
	*A-4334-850-A	(AV1020:Canadian)...MOUNTED PCB, MAIN	
	*A-4334-851-A	(AV920:Canadian)....MOUNTED PCB, MAIN	

No.	Part No.	Description	Remarks
912	*1-635-633-11	PC BOARD, VIDEO	
913	*1-635-627-11	PC BOARD, SP OUT	
914	*1-635-625-11	PC BOARD, POWER IC	
915	*1-635-628-11	PC BOARD, HP	
916	*1-635-626-11	PC BOARD, POWER	
917	*1-635-620-11	PC BOARD, REAR	
918	*1-533-185-11	HOLDER, FUSE	
919	1-533-213-31	HOLDER, FUSE	
920	⚠1-575-105-11	CORD, POWER	
CNJ701	1-507-796-71	JACK (HEADPHONES)	
D801	8-719-302-37	DIODE RBV-602	
F851	⚠1-532-745-11	FUSE, GLASS TUBE (3.15A 125V)	
F852	⚠1-532-745-11	FUSE, GLASS TUBE (3.15A 125V)	
F901	⚠1-532-745-11	FUSE, GLASS TUBE (3.15A 125V)	
F902	⚠1-532-509-00	(Canadian)...FUSE, GLASS TUBE (6.3A 125V)	
F902	⚠1-532-510-00	(US).....FUSE, GLASS TUBE (8A 125V)	
Q701	8-729-209-15	TRANSISTOR 2SD2012	
Q705	8-729-320-96	(AV1020)...TRANSISTOR 2SC2921-OPY	
Q705	8-729-321-13	(AV920)....TRANSISTOR 2SC4388-OY	
Q706	8-729-320-73	(AV1020)...TRANSISTOR 2SA1215-OY	
Q706	8-729-321-18	(AV920)....TRANSISTOR 2SA1673-OY	
Q751	8-729-209-15	TRANSISTOR 2SD2012	
Q755	8-729-320-96	(AV1020)...TRANSISTOR 2SC2921-OPY	
Q755	8-729-321-13	(AV920)....TRANSISTOR 2SC4388-OY	
Q756	8-729-320-73	(AV1020)...TRANSISTOR 2SA1215-OY	
Q756	8-729-321-18	(AV920)....TRANSISTOR 2SA1673-OY	
S701-1	1-572-291-11	SWITCH, ROTARY SLIDE(SPEAKER A+B OFF A/B)	
S701-2	1-572-322-11	SWITCH, SLIDE	
T802	⚠1-449-996-11	(AV920)....TRANSFORMER, POWER	
T802	⚠1-449-997-11	(AV1020)...TRANSFORMER, POWER	
T901	⚠1-448-517-21	TRANSFORMER, POWER	

Note:
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Note:
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

SECTION 5
ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- If there are two or more same circuits in a set such as a stereophonic machine, only typical circuit parts may be indicated and capacitors and resistors in other same circuits may be omitted.

CAPACITORS:
MF: μF, PF: μμF.

RESISTORS
- All resistors are in ohms.
- F: nonflammable

COILS
- MMH: mH, UH: μH

SEMICONDUCTORS
In each case, U: μ, for example:
UA...: μA..., UPA...: μPA...,
UPC...: μPC, UPD...: μPD...

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

TUNER BOARD

Ref.No.	Part No.	Description
C1	1-162-294-31	CERAMIC CHIP 0.001MF 20% 25V
C2	1-124-477-11	ELECT 47MF 20% 16V
C3	1-163-059-00	CERAMIC MELF 0.01MF 20% 16V
C4	1-162-294-31	CERAMIC CHIP 0.001MF 20% 25V
C5	1-163-059-00	CERAMIC MELF 0.01MF 20% 16V
C6	1-163-059-00	CERAMIC MELF 0.01MF 20% 16V
C7	1-163-059-00	(AV1020)...CERAMIC MELF 0.01MF 20% 16V
C8	1-163-059-00	(AV1020)...CERAMIC MELF 0.01MF 20% 16V
C9	1-163-059-00	CERAMIC MELF 0.01MF 20% 16V
C21	1-101-006-00	CERAMIC 0.047MF 10% 50V
C22	1-163-059-00	CERAMIC MELF 0.01MF 20% 16V
C23	1-124-477-11	ELECT 47MF 20% 16V
C24	1-123-382-00	ELECT 3.3MF 20% 50V
C25	1-163-059-00	CERAMIC MELF 0.01MF 20% 16V
C26	1-163-019-00	CERAMIC CHIP 0.0068MF 20% 12V
C27	1-162-516-11	(AV920)...CERAMIC CHIP 100PF 10% 50V
C27	1-163-007-11	(AV1020)...CERAMIC CHIP 680PF 20% 50V
C28	1-124-499-11	ELECT 1.0MF 20% 50V
C29	1-162-516-11	(AV1020)...CERAMIC CHIP 100PF 10% 50V
C30	1-124-499-11	ELECT 1.0MF 20% 50V
C31	1-124-902-00	ELECT 0.47MF 20% 50V
C32	1-124-463-00	ELECT 0.1MF 20% 50V
C33	1-130-482-00	PE TEREPHTHALATE 0.0082MF 5% 50V
C34	1-123-382-00	ELECT 3.3MF 20% 50V
C35	1-130-482-00	PE TEREPHTHALATE 0.0082MF 5% 50V
C36	1-123-382-00	ELECT 3.3MF 20% 50V
C37	1-123-875-11	ELECT 10MF 20% 50V
C39	1-163-059-00	CERAMIC MELF 0.01MF 20% 16V
C40	1-124-463-00	ELECT 0.1MF 20% 50V
C41	1-124-927-11	ELECT 4.7MF 20% 50V
C42	1-163-059-00	CERAMIC MELF 0.01MF 20% 16V
C43	1-126-176-11	ELECT 220MF 20% 10V
C44	1-163-059-00	CERAMIC MELF 0.01MF 20% 16V
C45	1-123-382-00	ELECT 3.3MF 20% 50V
C46	1-161-375-00	CERAMIC CHIP 0.0022MF 20% 25V
C47	1-162-294-31	CERAMIC CHIP 0.001MF 20% 25V
C48	1-123-382-00	ELECT 3.3MF 20% 50V
C49	1-161-375-00	CERAMIC CHIP 0.0022MF 20% 25V
C50	1-162-294-31	CERAMIC CHIP 0.001MF 20% 25V
C51	1-124-477-11	ELECT 47MF 20% 16V
C61	1-163-063-00	CERAMIC MELF 0.022MF 25V
C62	1-163-063-00	CERAMIC MELF 0.022MF 25V
C63	1-163-063-00	CERAMIC MELF 0.022MF 25V
C64	1-163-063-00	CERAMIC MELF 0.022MF 25V
C81	1-102-961-00	CERAMIC 27PF 5% 50V
C82	1-102-961-00	CERAMIC 27PF 5% 50V
C83	1-163-059-00	CERAMIC MELF 0.01MF 20% 16V
C84	1-163-059-00	CERAMIC MELF 0.01MF 20% 16V
C85	1-163-059-00	CERAMIC MELF 0.01MF 20% 16V
C86	1-124-477-11	ELECT 47MF 20% 16V
C87	1-163-059-00	CERAMIC MELF 0.01MF 20% 16V
C88	1-163-059-00	CERAMIC MELF 0.01MF 20% 16V
C101	1-124-925-11	ELECT 2.2MF 20% 50V
C102	1-124-463-00	ELECT 0.1MF 20% 50V
C103	1-163-059-00	CERAMIC MELF 0.01MF 20% 16V
C104	1-163-059-00	CERAMIC MELF 0.01MF 20% 16V
C105	1-124-477-11	ELECT 47MF 20% 16V
CC2	1-249-366-11	(AV1020)...CARBON MELF 0 5% 1/5W
CC3	1-249-366-11	CARBON MELF 0 5% 1/5W
CC12	1-249-366-11	(AV1020)...CARBON MELF 0 5% 1/5W
CF1	1-567-389-11	FILTER, CERAMIC
CF2	1-567-389-11	FILTER, CERAMIC
CF3	1-567-389-11	(AV1020)...FILTER, CERAMIC
CF21	1-577-075-11	OSCILLATOR, CERAMIC
CFT21	1-404-853-11	TRANSFORMER, IF (CERAMIC FILTER)
CNJ1	*1-568-276-11	SOCKET, CONNECTOR 10P
CNJ2	1-568-269-11	SOCKET, CONNECTOR 3P
CNJ4	1-568-307-11	SOCKET, CONNECTOR 3P
FE1	1-463-862-21	(AV920)...FRONT END(FM)
FE1	1-463-857-11	(AV1020)...FRONT END (FM)
FE61	1-236-461-11	ENCAPSULATED COMPONENT
IC21	8-759-821-45	IC LA1851N
IC81	8-759-820-91	IC LC7218
L1	1-410-645-31	MICRO INDUCTOR 100UH 10%
L2	1-410-645-31	(AV1020)...MICRO INDUCTOR 100UH 10%
L21	1-410-171-11	MICRO INDUCTOR 1MMH 10%
LPF21	1-235-164-00	FILTER, LOW PASS
LPF22	1-235-164-00	FILTER, LOW PASS
Q1	8-729-266-93	TRANSISTOR 2SC2669
Q2	8-729-266-93	TRANSISTOR 2SC2669
Q3	8-729-266-93	(AV1020)...TRANSISTOR 2SC2669
Q4	8-729-266-93	(AV1020)...TRANSISTOR 2SC2669
Q21	8-729-119-78	TRANSISTOR 2SC2785
Q22	8-729-119-78	TRANSISTOR 2SC2785
Q23	8-729-900-61	TRANSISTOR DTA114ES
Q24	8-729-900-80	TRANSISTOR DTC114ES
Q25	8-729-900-80	TRANSISTOR DTC114ES
Q81	8-729-900-61	TRANSISTOR DTA114ES
Q82	8-729-900-80	TRANSISTOR DTC114ES
Q83	8-729-207-53	TRANSISTOR 2SK246GR
Q84	8-729-203-53	TRANSISTOR 2SC3113AB

Ref.No.	Part No.	Description
R1	⚠1-249-401-11	(AV920)...CARBON(SMALL) 47 5% 1/4W F
R1	⚠1-249-397-11	CARBON(SMALL) 22 5% 1/4W F
R2	1-249-329-11	CARBON MELF 330 5% 1/8W
R3	1-249-329-11	CARBON MELF 330 5% 1/8W
R4	1-249-329-11	CARBON MELF 330 5% 1/8W
R5	1-249-329-11	CARBON MELF 330 5% 1/8W
R6	1-249-350-11	CARBON MELF 18K 5% 1/8W
R7	1-249-329-11	CARBON MELF 330 5% 1/8W
R8	1-249-332-11	CARBON MELF 560 5% 1/8W
R9	1-249-352-11	CARBON MELF 27K 5% 1/8W
R10	1-249-329-11	(AV1020)... CARBON MELF 330 5% 1/8W
R11	1-249-350-11	(AV1020)...CARBON MELF 18K 5% 1/8W
R12	1-249-329-11	(AV1020)...CARBON MELF 330 5% 1/8W
R13	1-249-334-11	(AV1020)...CARBON MELF 820 5% 1/8W
R14	1-249-352-11	(AV1020)...CARBON MELF 27K 5% 1/8W
R15	1-249-347-11	(AV1020)...CARBON MELF 10K 5% 1/8W
R16	1-249-343-11	(AV1020)...CARBON MELF 4.7K 5% 1/8W
R21	⚠1-249-404-00	CARBON(SMALL) 82 5% 1/4W F
R22	1-249-428-11	(AV920)...CARBON(SMALL) 8.2K 5% 1/4W
R22	1-249-429-11	(AV1020)...CARBON(SMALL) 10K 5% 1/4W
R23	1-249-335-11	CARBON MELF 1K 5% 1/8W
R24	1-249-353-11	CARBON MELF 33K 5% 1/8W
R25	1-249-428-11	CARBON(SMALL) 8.2K 5% 1/4W
R26	1-249-340-11	(AV1020)... CARBON MELF 2.7K 5% 1/8W
R27	1-249-350-11	CARBON MELF 18K 5% 1/8W
R28	1-249-423-11	CARBON(SMALL) 3.3K 5% 1/4W
R29	1-249-347-11	CARBON MELF 10K 5% 1/8W
R31	1-249-331-11	CARBON MELF 470 5% 1/8W
R32	1-249-347-11	CARBON MELF 10K 5% 1/8W
R33	1-249-347-11	CARBON MELF 10K 5% 1/8W
R35	1-249-355-11	CARBON MELF 47K 5% 1/8W
R37	1-249-359-11	CARBON MELF 100K 5% 1/8W
R38	1-249-363-11	CARBON MELF 220K 5% 1/8W
R39	1-249-339-11	CARBON MELF 2.2K 5% 1/8W
R40	1-249-338-11	CARBON MELF 1.8K 5% 1/8W
R41	1-249-344-11	CARBON MELF 5.6K 5% 1/8W
R42	1-249-359-11	CARBON MELF 100K 5% 1/8W
R43	1-249-363-11	CARBON MELF 220K 5% 1/8W
R44	1-249-339-11	CARBON MELF 2.2K 5% 1/8W
R45	1-249-338-11	CARBON MELF 1.8K 5% 1/8W
R46	1-249-344-11	CARBON MELF 5.6K 5% 1/8W
R47	⚠1-249-409-11	CARBON(SMALL) 220 5% 1/4W F
R61	1-249-359-11	CARBON MELF 100K 5% 1/8W
R62	1-249-355-11	CARBON MELF 47K 5% 1/8W
R63	1-249-315-11	CARBON MELF 22 5% 1/8W
R81	1-249-335-11	CARBON MELF 1K 5% 1/8W
R82	1-249-335-11	CARBON MELF 1K 5% 1/8W
R83	1-249-335-11	CARBON MELF 1K 5% 1/8W
R84	1-249-335-11	CARBON MELF 1K 5% 1/8W
R85	1-249-347-11	CARBON MELF 10K 5% 1/8W
R86	1-249-335-11	CARBON MELF 1K 5% 1/8W
R87	1-249-347-11	CARBON MELF 10K 5% 1/8W
R88	1-249-343-11	CARBON MELF 4.7K 5% 1/8W
R89	1-249-335-11	CARBON MELF 1K 5% 1/8W
R90	1-249-347-11	CARBON MELF 10K 5% 1/8W
R91	1-249-335-11	CARBON MELF 1K 5% 1/8W
R92	⚠1-249-401-11	CARBON(SMALL) 47 5% 1/4W F
R101	1-249-341-11	CARBON MELF 3.3K 5% 1/8W
R102	1-249-332-11	CARBON MELF 560 5% 1/8W
R103	1-249-335-11	CARBON MELF 1K 5% 1/8W
R104	1-249-328-11	CARBON MELF 270 5% 1/8W
R105	1-249-343-11	CARBON MELF 4.7K 5% 1/8W
R106	1-249-339-11	CARBON MELF 2.2K 5% 1/8W
R107	1-249-343-11	CARBON MELF 4.7K 5% 1/8W
R108	1-249-323-11	CARBON MELF 100 5% 1/8W
R109	1-249-343-11	CARBON MELF 4.7K 5% 1/8W
R110	⚠1-249-405-11	CARBON(SMALL) 100 5% 1/4W F
RV21	1-238-013-11	(AV920)...RES, ADJ, CARBON 2.2K
RV21	1-238-015-11	(AV1020)... RES, ADJ, CARBON 4.7K
RV22	1-238-017-11	RES, ADJ, CARBON 22K
RV24	1-238-017-11	(AV920)...RES, ADJ, CARBON 22K
RV24	1-238-019-11	(AV1020)...RES, ADJ, CARBON 47K
RV25	1-238-017-11	(AV920)...RES, ADJ, CARBON 22K
RV25	1-238-019-11	(AV1020)...RES, ADJ, CARBON 47K
T21	1-404-807-11	(AV920)...TRANSFORMER, DISCRIMINATOR
T21	1-404-852-11	(AV1020)...COIL,DISCRIMINATOR(PRIMARY)
T22	1-404-851-11	(AV1020)...COIL,DISCRIMINATOR(SECONDARL)
TM1	*1-536-708-00	(AV920)...TERMINAL BOARD, PUSH 4P
TM1	*1-537-225-11	(AV1020)... TERMINAL BOARD (ANT (F) TYPE)
TP1	*1-560-060-00	PIN, CONNECTOR 2P
XT81	1-577-126-11	VIBRATOR, CRYSTAL 7.2MHz

Note:
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Note:
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

• EXCEPT FOR TUNER BOARD

Ref.No.	Part No.	Description
901	*A-4334-755-A	(AV1020)...MOUNTED PCB, DISPLAY
	*A-4334-785-A	(AV920)....MOUNTED PCB, DISPLAY
902	*1-635-630-11	PC BOARD, VOLUME
903	*1-635-632-11	PC BOARD, VOLUME CONNECTOR
904	*1-635-629-11	PC BOARD, BALANCE VOLUME
905	*1-635-623-11	PC BOARD, MUTING
906	*1-635-631-11	PC BOARD, VR LED
907	21-575-730-11	WIRE, FLAT TYPE (5 CORE)
908	1-465-417-11	(AV1020)...REMOTE COMMANDER (RM-P301)
	1-465-422-11	(AV920)....REMOTE COMMANDER (RM-U201)
909	*A-4303-169-A	(AV1020)...MOUNTED PCB, TUNER (TCB007-2MJ)
	*A-4303-212-A	(AV920)....MOUNTED PCB, TUNER (TCB007-2LK)
910	*A-4334-754-A	(AV1020)...MOUNTED PCB, SURROUND
	*A-4334-784-A	(AV920)....MOUNTED PCB, SURROUND
911	*A-4334-752-A	(AV1020:US)...MOUNTED PCB, MAIN
	*A-4334-783-A	(AV920:US).....MOUNTED PCB, MAIN
	*A-4334-850-A	(AV1020:Canadian)...MOUNTED PCB, MAIN
	*A-4334-851-A	(AV920:Canadian)....MOUNTED PCB, MAIN
912	*1-635-633-11	PC BOARD, VIDEO
913	*1-635-627-11	PC BOARD, SP OUT
914	*1-635-625-11	PC BOARD, POWER IC
915	*1-635-628-11	PC BOARD, HP
916	*1-635-626-11	PC BOARD, POWER
917	*1-635-620-11	PC BOARD, REAR
918	*1-533-185-11	HOLDER, FUSE
919	1-533-213-31	HOLDER, FUSE
920	⚠1-575-105-11	CORD, POWER
BP901	*1-535-140-00	BASE POST 22MM (10MM PITCH) 3P

C201	1-164-097-11	CERAMIC	0.022MF		50V
C202	1-164-097-11	CERAMIC	0.022MF		50V
C203	1-164-097-11	CERAMIC	0.022MF		50V
C204	1-124-477-11	ELECT	47MF	20%	25V
C205	1-164-097-11	CERAMIC	0.022MF		50V
C206	1-164-097-11	CERAMIC	0.022MF		50V
C207	1-123-875-11	ELECT	10MF	20%	50V
C208	1-164-093-11	CERAMIC	0.0047MF	10%	25V
C209	1-123-875-11	ELECT	10MF	20%	50V
C210	1-164-097-11	CERAMIC	0.022MF		50V
C211	1-164-097-11	CERAMIC	0.022MF		50V
C214	1-164-093-11	CERAMIC	0.0047MF	10%	25V
C251	1-124-927-11	ELECT	4.7MF	20%	50V
C252	1-124-927-11	ELECT	4.7MF	20%	50V
C253	1-124-472-11	ELECT	470MF	20%	10V

Ref.No.	Part No.	Description			
C254	1-124-472-11	ELECT	470MF	20%	10V
C256	1-124-477-11	ELECT	47MF	20%	25V
C257	1-124-927-11	(AV1020)...ELECT	4.7MF	20%	50V
C301	1-123-875-11	ELECT	10MF	20%	50V
C302	1-162-215-31	CERAMIC	47PF	5%	50V
C303	1-123-875-11	ELECT	10MF	20%	50V
C304	1-123-875-11	(AV1020)...ELECT	10MF	20%	50V
C305	1-123-875-11	(AV1020)...ELECT	10MF	20%	50V
C309	1-136-165-00	(AV1020)...FILM	0.1MF	5%	50V
C310	1-136-165-00	(AV1020)...FILM	0.1MF	5%	50V
C311	1-136-171-00	(AV1020)...FILM	0.33MF	5%	50V
C312	1-162-292-31	(AV1020)...CERAMIC	680PF	10%	50V
C313	1-136-171-00	(AV1020)...FILM	0.33MF	5%	50V
C314	1-124-927-11	(AV1020)...ELECT	4.7MF	20%	50V
C315	1-124-927-11	(AV1020)...ELECT	4.7MF	20%	50V
C316	1-130-481-00	(AV1020)...MYLAR	0.0068MF	5%	50V
C317	1-124-477-11	(AV1020)...ELECT	47MF	20%	25V
C318	1-124-464-11	(AV1020)...ELECT	0.22MF	20%	50V
C319	1-124-927-11	(AV1020)...ELECT	4.7MF	20%	50V
C320	1-124-464-11	(AV1020)...ELECT	0.22MF	20%	50V
C321	1-124-477-11	(AV1020)...ELECT	47MF	20%	25V
C322	1-123-875-11	(AV1020)...ELECT	10MF	20%	50V
C323	1-124-902-00	(AV1020)...ELECT	0.47MF	20%	50V
C324	1-123-875-11	(AV1020)...ELECT	10MF	20%	50V
C326	1-123-875-11	ELECT	10MF	20%	50V
C327	1-123-875-11	ELECT	10MF	20%	50V
C328	1-162-215-31	CERAMIC	47PF	5%	50V
C329	1-162-282-31	CERAMIC	100PF	10%	50V
C330	1-124-927-11	ELECT	4.7MF	20%	50V
C331	1-124-477-11	(AV1020)...ELECT	47MF	20%	25V
C332	1-162-302-11	(AV1020)...CERAMIC	2200PF	5%	16V
C333	1-161-379-00	(AV1020)...CERAMIC	0.01MF	30%	16V
C334	1-161-379-00	(AV1020)...CERAMIC	0.01MF	30%	16V
C335	1-161-379-00	(AV1020)...CERAMIC	0.01MF	30%	16V
C336	1-162-282-31	CERAMIC	100PF	10%	50V
C337	1-124-927-11	ELECT	4.7MF	20%	50V
C338	1-124-927-11	(AV1020)...ELECT	4.7MF	20%	50V
C339	1-162-282-31	CERAMIC	100PF	10%	50V
C340	1-124-927-11	ELECT	4.7MF	20%	50V
C341	1-124-477-11	ELECT	47MF	20%	25V
C342	1-164-159-11	CERAMIC	0.1MF		50V
C343	1-130-471-00	MYLAR	0.001MF	5%	50V
C344	1-130-476-00	MYLAR	0.0027MF	5%	50V
C345	1-136-165-00	FILM	0.1MF	5%	50V
C346	1-124-477-11	ELECT	47MF	20%	25V

Note:
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Note:
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

Ref.No.	Part No.	Description			
C347	1-136-165-00	FILM	0.1MF	5%	50V
C348	1-136-165-00	FILM	0.1MF	5%	50V
C349	1-136-165-00	FILM	0.1MF	5%	50V
C350	1-130-480-00	MYLAR	0.0056MF	5%	50V
C351	1-123-875-11	ELECT	10MF	20%	50V
C352	1-162-215-31	CERAMIC	47PF	5%	50V
C353	1-123-875-11	ELECT	10MF	20%	50V
C354	1-123-875-11	(AV1020)...ELECT	10MF	20%	50V
C355	1-123-875-11	(AV1020)...ELECT	10MF	20%	50V
C356	1-124-927-11	ELECT	4.7MF	20%	50V
C357	1-123-875-11	ELECT	10MF	20%	50V
C358	1-164-159-11	CERAMIC	0.1MF		50V
C359	1-136-165-00	(AV1020)...FILM	0.1MF	5%	50V
C360	1-136-165-00	(AV1020)...FILM	0.1MF	5%	50V
C361	1-136-167-00	(AV1020)...FILM	0.15MF	5%	50V
C362	1-162-292-31	(AV1020)...CERAMIC	680PF	10%	50V
C363	1-136-167-00	(AV1020)...FILM	0.15MF	5%	50V
C364	1-124-927-11	(AV1020)...ELECT	4.7MF	20%	50V
C365	1-124-927-11	(AV1020)...ELECT	4.7MF	20%	50V
C366	1-130-481-00	(AV1020)...MYLAR	0.0068MF	5%	50V
C367	1-124-477-11	(AV1020)...ELECT	47MF	20%	25V
C368	1-124-464-11	(AV1020)...ELECT	0.22MF	20%	50V
C369	1-124-927-11	(AV1020)...ELECT	4.7MF	20%	50V
C370	1-124-464-11	(AV1020)...ELECT	0.22MF	20%	50V
C372	1-123-875-11	(AV1020)...ELECT	10MF	20%	50V
C373	1-123-875-11	(AV1020)...ELECT	10MF	20%	50V
C377	1-123-875-11	ELECT	10MF	20%	50V
C378	1-162-215-31	CERAMIC	47PF	5%	50V
C379	1-162-282-31	CERAMIC	100PF	10%	50V
C380	1-124-927-11	ELECT	4.7MF	20%	50V
C381	1-162-291-31	CERAMIC	560PF	10%	50V
C382	1-124-927-11	ELECT	4.7MF	20%	50V
C383	1-130-483-00	MYLAR	0.01MF	5%	50V
C384	1-130-479-00	MYLAR	0.0047MF	5%	50V
C385	1-162-290-31	CERAMIC	470PF	10%	50V
C386	1-162-211-31	CERAMIC	33PF	5%	50V
C387	1-124-927-11	ELECT	4.7MF	20%	50V
C388	1-130-480-00	MYLAR	0.0056MF	5%	50V
C389	1-130-488-00	MYLAR	0.027MF	5%	50V
C390	1-136-171-00	FILM	0.33MF	5%	50V
C391	1-136-165-00	FILM	0.1MF	5%	50V
C392	1-123-875-11	ELECT	10MF	20%	50V
C393	1-130-483-00	MYLAR	0.01MF	5%	50V
C394	1-130-491-00	MYLAR	0.047MF	5%	50V
C395	1-124-477-11	ELECT	47MF	20%	25V
C396	1-124-477-11	ELECT	47MF	20%	25V
C397	1-164-096-11	CERAMIC	0.01MF		50V
C398	1-164-096-11	CERAMIC	0.01MF		50V
C399	1-164-159-11	CERAMIC	0.1MF		50V
C401	1-124-927-11	ELECT	4.7MF	20%	50V
C402	1-124-927-11	ELECT	4.7MF	20%	50V
C403	1-162-215-31	CERAMIC	47PF	5%	50V
C404	1-124-927-11	ELECT	4.7MF	20%	50V
C405	1-124-927-11	ELECT	4.7MF	20%	50V
C406	1-124-254-00	ELECT	0.68MF	20%	50V
C407	1-136-167-00	FILM	0.15MF	5%	50V
C408	1-124-464-11	ELECT	0.22MF	20%	50V

Ref.No.	Part No.	Description			
C409	1-130-491-00	MYLAR	0.047MF	5%	50V
C410	1-136-165-00	FILM	0.1MF	5%	50V
C411	1-130-487-00	MYLAR	0.022MF	5%	50V
C412	1-130-489-00	MYLAR	0.033MF	5%	50V
C413	1-130-483-00	MYLAR	0.01MF	5%	50V
C414	1-130-485-00	MYLAR	0.015MF	5%	50V
C415	1-130-477-00	MYLAR	0.0033MF	5%	50V
C416	1-130-481-00	MYLAR	0.0068MF	5%	50V
C417	1-130-471-00	MYLAR	0.001MF	5%	50V
C418	1-130-475-00	MYLAR	0.0022MF	5%	50V
C419	1-162-292-31	CERAMIC	680PF	10%	50V
C431	1-124-273-00	ELECT	3.3MF	20%	50V
C441	1-136-171-00	FILM	0.33MF	5%	50V
C442	1-130-489-00	MYLAR	0.033MF	5%	50V
C451	1-124-927-11	ELECT	4.7MF	20%	50V
C452	1-124-927-11	ELECT	4.7MF	20%	50V
C453	1-162-215-31	CERAMIC	47PF	5%	50V
C454	1-124-927-11	ELECT	4.7MF	20%	50V
C455	1-124-927-11	ELECT	4.7MF	20%	50V
C456	1-124-254-00	ELECT	0.68MF	20%	50V
C457	1-136-167-00	FILM	0.15MF	5%	50V
C458	1-124-464-11	ELECT	0.22MF	20%	50V
C459	1-130-491-00	MYLAR	0.047MF	5%	50V
C460	1-136-165-00	FILM	0.1MF	5%	50V
C461	1-130-487-00	MYLAR	0.022MF	5%	50V
C462	1-130-489-00	MYLAR	0.033MF	5%	50V
C463	1-130-483-00	MYLAR	0.01MF	5%	50V
C464	1-130-485-00	MYLAR	0.015MF	5%	50V
C465	1-130-477-00	MYLAR	0.0033MF	5%	50V
C466	1-130-481-00	MYLAR	0.0068MF	5%	50V
C467	1-130-471-00	MYLAR	0.001MF	5%	50V
C468	1-130-475-00	MYLAR	0.0022MF	5%	50V
C469	1-162-292-31	CERAMIC	680PF	10%	50V
C472	1-123-875-11	ELECT	10MF	20%	50V
C473	1-123-875-11	ELECT	10MF	20%	50V
C491	1-136-171-00	FILM	0.33MF	5%	50V
C492	1-130-489-00	MYLAR	0.033MF	5%	50V
C493	1-124-477-11	ELECT	47MF	20%	25V
C501	1-124-477-11	ELECT	47MF	20%	25V
C502	1-124-791-11	ELECT	1MF	20%	50V
C503	1-164-097-11	CERAMIC	0.022MF		50V
C504	1-164-097-11	CERAMIC	0.022MF		50V
C505	1-124-925-11	ELECT	2.2MF	20%	50V
C507	1-124-791-11	ELECT	1MF	20%	50V
C508	1-164-097-11	CERAMIC	0.022MF		50V
C509	1-125-486-11	DOUBLE LAYERS	0.22F		5.5V
C510	1-164-097-11	CERAMIC	0.022MF		50V
C511	1-162-286-31	CERAMIC	220PF	10%	50V
C512	1-162-286-31	CERAMIC	220PF	10%	50V
C513	1-162-286-31	CERAMIC	220PF	10%	50V
C514	1-162-286-31	CERAMIC	220PF	10%	50V
C515	1-162-286-31	CERAMIC	220PF	10%	50V
C516	1-162-286-31	CERAMIC	220PF	10%	50V
C517	1-162-286-31	CERAMIC	220PF	10%	50V
C518	1-161-379-00	CERAMIC	0.01MF	30%	16V
C521	1-124-477-11	ELECT	47MF	20%	25V
C523	1-164-097-11	CERAMIC	0.022MF		50V

Ref.No.	Part No.	Description			
C524	1-164-097-11	CERAMIC	0.022MF		50V
C525	1-164-097-11	(AV1020)...CERAMIC	0.022MF		50V
C578	1-124-927-11	ELECT	4.7MF	20%	50V
C579	1-124-927-11	ELECT	4.7MF	20%	50V
C580	1-124-927-11	ELECT	4.7MF	20%	50V
C581	1-124-927-11	ELECT	4.7MF	20%	50V
C582	1-124-927-11	ELECT	4.7MF	20%	50V
C583	1-124-927-11	ELECT	4.7MF	20%	50V
C584	1-124-927-11	ELECT	4.7MF	20%	50V
C585	1-124-927-11	ELECT	4.7MF	20%	50V
C586	1-123-875-11	ELECT	10MF	20%	50V
C587	1-162-282-31	CERAMIC	100PF	10%	50V
C588	1-123-875-11	ELECT	10MF	20%	50V
C589	1-123-875-11	ELECT	10MF	20%	50V
C590	1-162-294-31	CERAMIC	0.001MF	10%	50V
C591	1-123-875-11	ELECT	10MF	20%	50V
C592	1-123-875-11	ELECT	10MF	20%	50V
C593	1-124-477-11	ELECT	47MF	20%	25V
C594	1-124-477-11	ELECT	47MF	20%	25V
C601	1-124-927-11	ELECT	4.7MF	20%	50V
C602	1-124-927-11	(AV1020)...ELECT	4.7MF	20%	50V
C603	1-162-211-31	(AV1020)...CERAMIC	33PF	5%	50V
C604	1-124-927-11	(AV1020)...ELECT	4.7MF	20%	50V
C621	1-162-282-31	CERAMIC	100PF	10%	50V
C622	1-124-927-11	ELECT	4.7MF	20%	50V
C623	1-124-477-11	ELECT	47MF	20%	25V
C624	1-130-480-00	MYLAR	0.0056MF	5%	50V
C625	1-130-473-00	MYLAR	0.0015MF	5%	50V
C626	1-124-791-11	ELECT	1MF	20%	50V
C627	1-124-477-11	ELECT	47MF	20%	25V
C628	1-162-282-31	CERAMIC	100PF	10%	50V
C631	1-124-927-11	(AV1020)...ELECT	4.7MF	20%	50V
C633	1-124-927-11	ELECT	4.7MF	20%	50V
C634	1-162-294-31	CERAMIC	0.001MF	10%	50V
C635	1-164-097-11	(AV1020)...CERAMIC	0.022MF		50V
C637	1-123-875-11	ELECT	10MF	20%	50V
C641	1-124-464-11	ELECT	0.22MF	20%	50V
C642	1-124-927-11	ELECT	4.7MF	20%	50V
C651	1-124-927-11	ELECT	4.7MF	20%	50V
C671	1-162-282-31	CERAMIC	100PF	10%	50V
C672	1-124-927-11	ELECT	4.7MF	20%	50V
C673	1-124-477-11	ELECT	47MF	20%	25V
C674	1-130-480-00	MYLAR	0.0056MF	5%	50V
C675	1-130-473-00	MYLAR	0.0015MF	5%	50V
C676	1-124-791-11	ELECT	1MF	20%	50V
C677	1-124-477-11	ELECT	47MF	20%	25V
C678	1-162-282-31	CERAMIC	100PF	10%	50V
C681	1-124-927-11	(AV1020)...ELECT	4.7MF	20%	50V
C683	1-124-927-11	ELECT	4.7MF	20%	50V
C685	1-164-097-11	(AV1020)...CERAMIC	0.022MF		50V
C691	1-124-464-11	ELECT	0.22MF	20%	50V
C692	1-124-927-11	ELECT	4.7MF	20%	50V
C701	1-124-927-11	ELECT	4.7MF	20%	50V
C702	1-162-282-31	CERAMIC	100PF	10%	50V
C703	1-102-989-00	CERAMIC	68PF	5%	500V
C704	1-102-316-00	CERAMIC	15PF	5%	500V
C705	1-124-929-11	ELECT	22MF	20%	100V

Ref.No.	Part No.	Description			
C706	1-124-443-00	ELECT	100MF	20%	10V
C707	1-102-230-00	CERAMIC	4PF	0.25PF	500V
C708	1-124-910-11	ELECT	47MF	20%	50V
C709	1-102-233-00	CERAMIC	33PF	10%	500V
C710	1-102-233-00	CERAMIC	33PF	10%	500V
C711	1-136-165-00	FILM	0.1MF	5%	50V
C712	1-136-165-00	FILM	0.1MF	5%	50V
C713	1-130-487-00	(US).....MYLAR	0.022MF	5%	50V
C713	1-130-491-00	(Canadian)...MYLAR	0.047MF	5%	50V
C714	1-130-491-00	(Canadian)...MYLAR	0.047MF	5%	50V
C721	1-136-165-00	FILM	0.1MF	5%	50V
C722	1-124-471-00	ELECT	1000MF	20%	6.3V
C736	1-124-927-11	ELECT	4.7MF	20%	50V
C737	1-162-282-31	CERAMIC	100PF	10%	50V
C738	1-162-282-31	CERAMIC	100PF	10%	50V
C739	1-124-477-11	ELECT	47MF	20%	25V
C740	1-162-191-31	CERAMIC	2.2PF	10%	50V
C741	1-136-165-00	FILM	0.1MF	5%	50V
C742	1-130-487-00	MYLAR	0.022MF	5%	50V
C743	1-123-875-11	ELECT	10MF	20%	50V
C744	1-123-875-11	ELECT	10MF	20%	50V
C751	1-124-927-11	ELECT	4.7MF	20%	50V
C752	1-162-282-31	CERAMIC	100PF	10%	50V
C753	1-102-989-00	CERAMIC	68PF	5%	500V
C754	1-102-316-00	CERAMIC	15PF	5%	500V
C755	1-124-929-11	ELECT	22MF	20%	100V
C756	1-124-443-00	ELECT	100MF	20%	10V
C757	1-102-230-00	CERAMIC	4PF	0.25PF	500V
C758	1-124-910-11	ELECT	47MF	20%	50V
C759	1-102-233-00	CERAMIC	33PF	10%	500V
C760	1-102-233-00	CERAMIC	33PF	10%	500V
C761	1-136-165-00	FILM	0.1MF	5%	50V
C762	1-136-165-00	FILM	0.1MF	5%	50V
C763	1-130-487-00	(US).....MYLAR	0.022MF	5%	50V
C763	1-130-491-00	(Canadian)...MYLAR	0.047MF	5%	50V
C764	1-130-491-00	(Canadian)...MYLAR	0.047MF	5%	50V
C786	1-124-927-11	ELECT	4.7MF	20%	50V
C787	1-162-282-31	CERAMIC	100PF	10%	50V
C788	1-162-282-31	CERAMIC	100PF	10%	50V
C789	1-124-477-11	ELECT	47MF	20%	25V
C790	1-162-191-31	CERAMIC	2.2PF	10%	50V
C791	1-136-165-00	FILM	0.1MF	5%	50V
C792	1-130-487-00	MYLAR	0.022MF	5%	50V
C793	1-123-875-11	ELECT	10MF	20%	50V
C794	1-123-875-11	ELECT	10MF	20%	50V
C801	1-125-479-11	(AV920)....ELECT	10000MF	20%	63V
C801	1-125-616-11	(AV1020)...ELECT	12000MF	20%	71V
C802	1-102-394-11	CERAMIC	0.01MF		250V
C803	1-102-394-11	CERAMIC	0.01MF		250V
C804	1-123-875-11	ELECT	10MF	20%	50V
C805	1-123-875-11	ELECT	10MF	20%	50V
C811	1-164-097-11	CERAMIC	0.022MF		50V
C812	1-164-097-11	CERAMIC	0.022MF		50V
C813	1-124-557-11	ELECT	1000MF	20%	25V
C814	1-124-477-11	ELECT	47MF	20%	25V
C815	1-124-477-11	ELECT	47MF	20%	25V

Ref.No.	Part No.	Description			
C816	1-124-791-11	ELECT	1MF	20%	50V
C817	1-124-464-11	ELECT	0.22MF	20%	50V
C818	1-162-282-31	CERAMIC	100PF	10%	50V
C819	1-164-097-11	CERAMIC	0.022MF		50V
C831	1-124-563-11	ELECT	2200MF	20%	25V
C832	1-164-097-11	CERAMIC	0.022MF		50V
C835	1-124-477-11	ELECT	47MF	20%	25V
C838	1-124-477-11	ELECT	47MF	20%	25V
C851	1-125-479-11	(AV920)....ELECT	10000MF	20%	63V
C851	1-125-616-11	(AV1020)...ELECT	12000MF	20%	71V
C852	1-124-563-11	ELECT	2200MF	20%	25V
C853	1-124-563-11	ELECT	2200MF	20%	25V
C881	1-124-557-11	ELECT	1000MF	20%	25V
C882	1-164-097-11	CERAMIC	0.022MF		50V
C885	1-124-477-11	ELECT	47MF	20%	25V
C901	1-161-744-00	CERAMIC	0.01MF		400V
CF501	1-577-101-11	VIBRATOR, CERAMIC			
CN408	1-562-088-00	SOCKET, CONNECTOR 9P			
CN407	*1-568-848-11	SOCKET, CONNECTOR 5P			
CN550	*1-568-824-11	SOCKET, CONNECTOR 5P			
CN655	*1-568-823-11	SOCKET, CONNECTOR 4P			
CN802	*1-565-482-11	CONNECTOR, BOARD TO BOARD 6P			
CNJ201	*1-565-481-11	CONNECTOR, BOARD TO BOARD 5P			
CNJ202	1-565-319-11	JACK, PIN 2P (VIDEO 1 IN/MONITOR VIDEO OUT)			
CNJ203	1-565-319-11	JACK, PIN 2P (VIDEO 2 LD VIDEO IN/VIDEO 1 VIDEO OUT)			
CNJ301	*1-569-796-11	SOCKET, CONNECTOR 12P			
CNJ302	*1-569-381-11	(AV920)..SOCKET, CONNECTOR (PC BOARD)4P			
CNJ302	*1-569-796-11	(AV1020)...SOCKET, CONNECTOR 12P			
CNJ303	*1-569-380-11	SOCKET,CONNECTOR (PC BOARD) 3P			
CNJ601	1-565-320-11	JACK, PIN 6P (PHONO IN/CD IN/DAT OUT)			
CNJ602	1-565-320-11	JACK, PIN 6P (TAPE 1 IN OUT/DAT IN)			
CNJ603	1-565-320-11	JACK, PIN 6P (VIDEO 2 LD/AUDIO IN VIDEO 1/AUDIO IN/OUT)			
CNJ604	1-565-258-11	(AV920)...JACK, PIN 4P (TAPE 2 IN/OUT)			
CNJ604	1-565-320-81	(AV1020)..JACK, PIN 6P (TAPE 2 IN OUT/CENTER OUT)			
CNJ605	1-566-819-31	JACK 1P (DRLC IN)			
CNJ606	1-563-136-31	(AV1020)...JACK, PIN 3P (VIDEO 3/INPUT/ AUDIO LR/VIDEO)			
CNJ701	1-507-796-71	JACK (HEADPHONES)			
CNJ901	1-540-060-11	OUTLET, AC (POLAR)			
CNP12	*1-564-514-11	PLUG, CONNECTOR 11P			
CNP18	*1-564-505-11	(AV1020)...PLUG, CONNECTOR 2P			
CNP21	*1-564-509-11	PLUG, CONNECTOR 6P			
CNP24	*1-564-505-11	(AV1020)...PLUG, CONNECTOR 2P			
CNP26	*1-564-505-11	PLUG, CONNECTOR 2P			
CNP28	*1-564-506-11	PLUG, CONNECTOR 3P			
CNP30	*1-564-506-11	PLUG, CONNECTOR 3P			
CNP32	*1-564-241-00	PIN, CONNECTOR 4P			
CNP33	*1-564-517-11	PLUG, CONNECTOR 2P			
CNP35	*1-564-521-11	PLUG, CONNECTOR 6P			
CNP38	*1-564-505-11	(AV1020)...PLUG, CONNECTOR 2P			
CNP201	*1-569-799-11	PLUG, CONNECTOR 5P			
CNP202	*1-568-824-11	SOCKET, CONNECTOR 5P			
CNP408	1-560-943-00	PIN, CONNECTOR 9P			
CNP501	*1-564-340-00	PIN, CONNECTOR 6P			
CNP502	*1-564-341-11	PIN, CONNECTOR 7P			
CNP503	*1-506-503-11	PIN, CONNECTOR 9P			

Ref.No.	Part No.	Description
CNP504	*1-569-389-11	(AV920)...PIN, CONNECTOR(PC BOARD) 4P
CNP504	*1-569-797-11	(AV1020)..PIN, CONNECTOR(PC BOARD) 12P
CNP505	*1-569-388-11	PIN, CONNECTOR (PC BOARD) 3P
CNP506	*1-569-797-11	PIN, CONNECTOR (PC BOARD) 12P
CNP507	*1-569-388-11	PIN, CONNECTOR (PC BOARD) 3P
CNP508	*1-569-388-11	PIN, CONNECTOR (PC BOARD) 3P
CNP509	*1-569-395-11	PIN, CONNECTOR (PC BOARD) 10P
CNP604	*1-565-258-11	(AV920)...JACK, PIN 4P (TAPE 2 IN/OUT)
CNP701	*1-564-337-00	PIN, CONNECTOR 3P
CNP801	*1-564-338-00	PIN, CONNECTOR 4P
CNP802A	*1-508-980-11	PIN, CONNECTOR
CNP802B	*1-564-496-11	PIN, CONNECTOR 3P
CNP901	*1-564-321-00	PIN, CONNECTOR 2P
CP501	1-233-082-11	COMPOSITION CIRCUIT BLOCK
D201	8-719-014-25	DIODE UZP-3.6B
D202	8-719-912-20	DIODE 1SS120
D205	8-719-301-52	(AV1020)...DIODE SEL2810A-C(DRLC/POWER)
D206	8-719-301-52	(AV1020)...DIODE SEL2810A-C(DRLC/POWER)
D207	8-719-303-00	(AV1020)...DIODE SEL2510C (TAPE 2)
D208	8-719-301-52	(AV1020)...DIODE SEL2810A-C (NORMAL)
D209	8-719-301-52	(AV1020)...DIODE SEL2810A-C (WIDE)
D210	8-719-301-52	(AV1020)...DIODE SEL2810A-C (PHANTOM)
D211	8-719-301-52	(AV1020)...DIODE SEL2810A-C (3CH)
D212	8-719-301-52	DIODE SEL2810A-C (CURSOR MODE SURROUND)
D213	8-719-301-52	DIODE SEL2810A-C(CURSOR MODE EQUALIZER)
D214	8-719-301-52	DIODE SEL2810A-C (CURSOR MODE TUNER TUNING)
D215	8-719-301-52	DIODE SEL2810A-C (CURSOR MODE TUNER INDEX)
D221	8-719-912-20	DIODE 1SS120
D222	8-719-912-20	DIODE 1SS120
D223	8-719-912-20	DIODE 1SS120
D224	8-719-912-20	DIODE 1SS120
D225	8-719-912-20	DIODE 1SS120
D226	8-719-912-20	DIODE 1SS120
D227	8-719-912-20	DIODE 1SS120
D231	8-719-912-20	(AV1020)...DIODE 1SS120
D234	8-719-912-20	DIODE 1SS120
D235	8-719-912-20	DIODE 1SS120
D241	8-719-301-52	DIODE SEL2810A-C (DBFB)
D242	8-719-301-52	DIODE SEL2810A-C (MUTING -20dB)
D301	8-719-001-30	(AV1020)...DIODE UZL-9H3
D401	8-719-303-00	DIODE SEL2510C (VOLUME)
D501	8-719-912-20	DIODE 1SS120
D502	8-719-912-20	DIODE 1SS120
D503	8-719-912-20	DIODE 1SS120
D505	8-719-912-20	DIODE 1SS120
D506	8-719-912-20	DIODE 1SS120
D507	8-719-912-20	DIODE 1SS120
D508	8-719-912-20	DIODE 1SS120
D571	8-719-912-20	DIODE 1SS120
D572	8-719-912-20	DIODE 1SS120
D574	8-719-912-20	DIODE 1SS120
D575	8-719-912-20	DIODE 1SS120
D601	8-719-912-20	DIODE 1SS120

Ref.No.	Part No.	Description
D641	8-719-912-20	DIODE 1SS120
D642	8-719-912-20	DIODE 1SS120
D691	8-719-912-20	DIODE 1SS120
D692	8-719-912-20	DIODE 1SS120
D701	8-719-912-20	DIODE 1SS120
D703	8-719-912-20	DIODE 1SS120
D704	8-719-912-20	DIODE 1SS120
D705	8-719-912-20	DIODE 1SS120
D706	8-719-912-20	DIODE 1SS120
D707	8-719-912-20	DIODE 1SS120
D731	8-719-912-20	DIODE 1SS120
D732	8-719-912-20	'AV1020)...DIODE 1SS120
D733	8-719-912-20	(AV1020)...DIODE 1SS120
D748	8-719-912-20	DIODE 1SS120
D749	8-719-912-20	DIODE 1SS120
D751	8-719-912-20	DIODE 1SS120
D753	8-719-912-20	DIODE 1SS120
D754	8-719-912-20	DIODE 1SS120
D781	8-719-912-20	DIODE 1SS120
D798	8-719-912-20	DIODE 1SS120
D799	8-719-912-20	DIODE 1SS120
D801	8-719-302-37	DIODE RBV-602
D802	8-719-934-23	DIODE HZS30-3L
D808	8-719-200-82	DIODE 11ES2
D809	8-719-200-82	DIODE 11ES2
D810	8-719-200-82	DIODE 11ES2
D811	8-719-200-82	DIODE 11ES2
D812	8-719-912-20	DIODE 1SS120
D813	8-719-912-20	DIODE 1SS120
D814	8-719-933-41	DIODE HZS6C3L
D815	8-719-933-41	DIODE HZS6C3L
D816	8-719-914-11	DIODE HZ4ALL
D817	8-719-912-20	DIODE 1SS120
D831	8-719-511-40	DIODE S1VB40
D852	8-719-504-60	DIODE S4VB60
F851 ⚠	1-532-745-11	FUSE, GLASS TUBE (3.15A 125V)
F852 ⚠	1-532-745-11	FUSE, GLASS TUBE (3.15A 125V)
F901 ⚠	1-532-745-11	FUSE, GLASS TUBE (3.15A 125V)
F902 ⚠	1-532-509-00	(Canadian)...FUSE, GLASS TUBE (6.3A 125V)
F902 ⚠	1-532-510-00	(US)....FUSE, GLASS TUBE (8A 125V)
FL201	1-519-604-11	INDICATOR TUBE, FLUORESCENT
IC201	8-759-990-38	IC MSC1162GS
IC202	8-749-920-59	IC A1QH3020S
IC203	8-759-633-84	IC M66311P
IC204	8-759-921-32	IC SN74HC237N
IC205	8-759-202-92	IC TC74HC151P
IC251	8-759-991-77	IC BA7625
IC301	8-759-634-50	IC M5218AL
IC302	8-759-634-50	IC M5218AL
IC303	8-759-634-50	IC M5218AL
IC304	8-759-822-63	(AV1020)...IC LA2775
IC305	8-759-821-99	(AV1020)...IC LA2770
IC306	8-759-801-01	(AV1020)...IC LC4966

Ref.No.	Part No.	Description
IC307	8-759-801-01	IC LC4966
IC308	8-759-801-01	(AV1020)...IC LC4966
IC309	8-759-633-83	IC M50198P
IC310	8-759-929-37	IC NE646N
IC311	8-759-634-51	IC M5218AP
IC401	8-759-634-50	IC M5218AL
IC402	8-759-634-50	IC M5218AL
IC403	8-759-634-51	IC M5218AP
IC404	8-759-634-51	IC M5218AP
IC405	8-759-634-51	IC M5218AP
IC406	8-759-634-51	IC M5218AP
IC407	8-759-634-51	IC M5218AP
IC408	8-759-634-51	IC M5218AP
IC409	8-759-634-51	IC M5218AP
IC410	8-759-820-60	IC LC7520
IC501	8-759-820-62	IC LB1639
IC502	8-759-150-86	IC UPD75516GF-141-3B9
IC503	8-759-801-01	IC LC4966
IC504	8-759-820-11	IC LC7535
IC505	8-759-634-51	IC M5218AP
IC506	8-759-991-11	IC XR1091
IC507	8-759-634-50	IC M5218AL
IC508	8-759-500-31	IC X24C01P
IC601	8-759-634-51	IC M5218AP
IC602	8-759-634-50	IC M5218AL
IC603	8-759-634-50	IC M5218AL
IC604	8-759-634-50	IC M5218AL
IC605	8-759-634-50	IC M5218AL
IC606	8-759-805-14	IC LC7822
IC607	8-759-805-14	IC LC7822
IC608	8-759-801-01	IC LC4966
IC609	8-759-634-51	(AV1020)...IC M5218AP
IC701	8-749-920-70	(AV920)...IC STK-3102-MK3
IC701	8-749-921-85	(AV1020)....IC STK-3122-3
IC731	8-749-920-78	IC SI-18751
IC781	8-749-920-78	IC SI-18751
IC831	8-759-604-39	IC M5F78M12
IC832	8-759-604-35	IC M5F78M05
IC881	8-759-604-45	IC M5F79M12
L251	1-410-509-11	INDUCTOR 10UH
L301	1-410-521-11	INDUCTOR 100UH
L501	1-410-521-11	INDUCTOR 100UH
L502	1-410-521-11	INDUCTOR 100UH
L503	1-410-521-11	INDUCTOR 100UH
L701	*1-420-872-00	COIL, AIR CORE
L731	*1-420-872-00	COIL, AIR CORE
L751	*1-420-872-00	COIL, AIR CORE
L781	*1-420-872-00	COIL, AIR CORE
Q201	8-729-900-63	TRANSISTOR DTA124ES
Q202	8-729-900-63	TRANSISTOR DTA124ES
Q203	8-729-900-36	TRANSISTOR DTC124ES
Q204	8-729-900-36	TRANSISTOR DTC124ES
Q205	8-729-900-63	TRANSISTOR DTA124ES
Q206	8-729-900-36	TRANSISTOR DTC124ES
Q207	8-729-900-36	TRANSISTOR DTC124ES
Q251	8-729-119-76	TRANSISTOR 2SA1175-HFE
Q252	8-729-119-76	TRANSISTOR 2SA1175-HFE

Note:
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Note:
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

Ref.No.	Part No.	Description
Q301	8-729-900-36	(AV1020)...TRANSISTOR DTC124ES
Q302	8-729-900-36	(AV1020)...TRANSISTOR DTC124ES
Q303	8-729-900-36	(AV1020)...TRANSISTOR DTC124ES
Q304	8-729-900-36	(AV1020)...TRANSISTOR DTC124ES
Q305	8-729-900-36	(AV1020)...TRANSISTOR DTC124ES
Q306	8-729-900-36	(AV1020)...TRANSISTOR DTC124ES
Q311	8-729-620-05	(AV1020)...TRANSISTOR 2SC2603-EF
Q312	8-729-620-05	(AV1020)...TRANSISTOR 2SC2603-EF
Q313	8-729-620-05	(AV1020)...TRANSISTOR 2SC2603-EF
Q314	8-729-620-05	(AV1020)...TRANSISTOR 2SC2603-EF
Q321	8-729-900-36	TRANSISTOR DTC124ES
Q322	8-729-900-63	TRANSISTOR DTA124ES
Q323	8-729-900-36	TRANSISTOR DTC124ES
Q324	8-729-900-36	TRANSISTOR DTC124ES
Q325	8-729-900-63	TRANSISTOR DTA124ES
Q326	8-729-900-36	TRANSISTOR DTC124ES
Q327	8-729-900-36	(AV1020)...TRANSISTOR DTC124ES
Q328	8-729-900-63	(AV1020)...TRANSISTOR DTA124ES
Q329	8-729-900-36	(AV1020)...TRANSISTOR DTC124ES
Q331	8-729-141-30	TRANSISTOR 2SC3623A-LK
Q332	8-729-141-30	(AV1020)...TRANSISTOR 2SC3623A-LK
Q441	8-729-224-61	TRANSISTOR 2SK246Y
Q442	8-729-620-05	TRANSISTOR 2SC2603-EF
Q491	8-729-224-61	TRANSISTOR 2SK246Y
Q492	8-729-620-05	TRANSISTOR 2SC2603-EF
Q501	8-729-900-63	TRANSISTOR DTA124ES
Q502	8-729-620-05	TRANSISTOR 2SC2603-EF
Q503	8-729-900-63	TRANSISTOR DTA124ES
Q504	8-729-900-63	TRANSISTOR DTA124ES
Q505	8-729-900-63	TRANSISTOR DTA124ES
Q506	8-729-900-63	TRANSISTOR DTA124ES
Q507	8-729-900-63	TRANSISTOR DTA124ES
Q508	8-729-900-63	TRANSISTOR DTA124ES
Q509	8-729-900-36	TRANSISTOR DTC124ES
Q510	8-729-900-63	TRANSISTOR DTA124ES
Q511	8-729-900-36	TRANSISTOR DTC124ES
Q512	8-729-900-63	TRANSISTOR DTA124ES
Q513	8-729-900-36	TRANSISTOR DTC124ES
Q514	8-729-900-36	TRANSISTOR DTC124ES
Q515	8-729-900-63	TRANSISTOR DTA124ES
Q571	8-729-141-30	TRANSISTOR 2SC3623A-LK
Q572	8-729-141-30	TRANSISTOR 2SC3623A-LK
Q573	8-729-119-76	TRANSISTOR 2SA1175-HFE
Q601	8-729-141-30	TRANSISTOR 2SC3623A-LK
Q602	8-729-900-36	TRANSISTOR DTC124ES
Q603	8-729-141-30	(AV1020)...TRANSISTOR 2SC3623A-LK
Q641	8-729-141-30	TRANSISTOR 2SC3623A-LK
Q642	8-729-141-30	TRANSISTOR 2SC3623A-LK
Q651	8-729-141-30	TRANSISTOR 2SC3623A-LK
Q691	8-729-141-30	TRANSISTOR 2SC3623A-LK
Q692	8-729-141-30	TRANSISTOR 2SC3623A-LK
Q701	8-729-209-15	TRANSISTOR 2SD2012
Q703	8-729-141-46	TRANSISTOR 2SC4431-LK
Q704	8-729-141-37	TRANSISTOR 2SA1684-LK
Q705	8-729-320-96	(AV1020)...TRANSISTOR 2SC2921-OPY
Q705	8-729-321-13	(AV920)....TRANSISTOR 2SC4388-OY
Q706	8-729-320-73	(AV1020)...TRANSISTOR 2SA1215-OY
Q706	8-729-321-18	(AV920)....TRANSISTOR 2SA1673-OY

Ref.No.	Part No.	Description
Q707	8-729-108-14	TRANSISTOR 2SA988-F
Q708	8-729-108-14	TRANSISTOR 2SA988-F
Q719	8-729-620-05	TRANSISTOR 2SC2603-EF
Q721	8-729-140-84	TRANSISTOR 2SA1841-PAFAEA
Q722	8-729-620-05	TRANSISTOR 2SC2603-EF
Q723	8-729-620-05	TRANSISTOR 2SC2603-EF
Q731	8-729-108-14	TRANSISTOR 2SA988-F
Q732	8-729-900-74	TRANSISTOR DTC143TS
Q733	8-729-900-80	(AV1020)...TRANSISTOR DTC114ES
Q753	8-729-141-46	TRANSISTOR 2SC4431-LK
Q754	8-729-141-37	TRANSISTOR 2SA1684-LK
Q755	8-729-320-96	(AV1020)...TRANSISTOR 2SC2921-OPY
Q755	8-729-321-13	(AV920)....TRANSISTOR 2SC4388-OY
Q756	8-729-320-73	(AV1020)...TRANSISTOR 2SA1215-OY
Q756	8-729-321-18	(AV920)....TRANSISTOR 2SA1673-OY
Q757	8-729-108-14	TRANSISTOR 2SA988-F
Q758	8-729-108-14	TRANSISTOR 2SA988-F
Q781	8-729-108-14	TRANSISTOR 2SA988-F
Q782	8-729-620-05	TRANSISTOR 2SC2603-EF
Q801	8-729-140-96	TRANSISTOR 2SD774-34
Q811	8-729-209-15	TRANSISTOR 2SD2012
Q812	8-729-620-05	TRANSISTOR 2SC2603-EF
Q813	8-729-620-05	TRANSISTOR 2SC2603-EF
Q814	8-729-119-76	TRANSISTOR 2SA1175-HFE
Q815	8-729-119-76	TRANSISTOR 2SA1175-HFE
Q816	8-729-620-05	TRANSISTOR 2SC2603-EF
R201	1-249-385-11	CARBON 2.2 5% 1/4W
R202	1-249-385-11	CARBON 2.2 5% 1/4W
R203	1-249-427-11	CARBON 6.8K 5% 1/4W
R204	1-249-430-11	CARBON 12K 5% 1/4W
R205	1-249-433-11	CARBON 22K 5% 1/4W
R206	1-249-433-11	CARBON 22K 5% 1/4W
R207	1-249-405-11	CARBON 100 5% 1/4W
R208	1-249-405-11	CARBON 100 5% 1/4W
R209	1-247-887-00	CARBON 220K 5% 1/4W
R210	1-249-411-11	CARBON 330 5% 1/4W
R211	1-249-411-11	CARBON 330 5% 1/4W
R212	1-249-408-11	CARBON 180 5% 1/4W
R213	1-249-410-11	(AV1020)...CARBON 270 5% 1/4W
R214	1-249-410-11	(AV1020)...CARBON 270 5% 1/4W
R215	1-249-410-11	(AV1020)...CARBON 270 5% 1/4W
R216	1-249-410-11	(AV1020)...CARBON 270 5% 1/4W
R217	1-249-410-11	CARBON 270 5% 1/4W
R218	1-249-410-11	CARBON 270 5% 1/4W
R219	1-249-410-11	CARBON 270 5% 1/4W
R220	1-249-410-11	CARBON 270 5% 1/4W
R221	1-249-411-11	CARBON 330 5% 1/4W
R222	1-249-411-11	CARBON 330 5% 1/4W
R223	1-249-411-11	CARBON 330 5% 1/4W
R224	1-249-411-11	CARBON 330 5% 1/4W
R225	1-249-411-11	CARBON 330 5% 1/4W
R226	1-249-411-11	CARBON 330 5% 1/4W
R227	1-249-411-11	CARBON 330 5% 1/4W
R228	1-249-411-11	CARBON 330 5% 1/4W
R231	1-249-433-11	CARBON 22K 5% 1/4W
R232	1-249-433-11	CARBON 22K 5% 1/4W

Ref.No.	Part No.	Description
R233	1-249-433-11	CARBON 22K 5% 1/4W
R234	1-249-433-11	CARBON 22K 5% 1/4W
R235	1-249-433-11	CARBON 22K 5% 1/4W
R236	1-249-433-11	CARBON 22K 5% 1/4W
R237	1-249-433-11	CARBON 22K 5% 1/4W
R238	1-249-433-11	CARBON 22K 5% 1/4W
R241	1-249-429-11	CARBON 10K 5% 1/4W
R242	1-249-423-11	CARBON 3.3K 5% 1/4W
R243	1-249-413-11	CARBON 470 5% 1/4W
R244	1-249-413-11	CARBON 470 5% 1/4W
R245	1-249-426-11	CARBON 5.6K 5% 1/4W
R246	1-249-433-11	CARBON 22K 5% 1/4W
R247	1-249-429-11	CARBON 10K 5% 1/4W
R248	1-249-429-11	CARBON 10K 5% 1/4W
R249	1-249-429-11	CARBON 10K 5% 1/4W
R251	1-247-804-11	CARBON 75 5% 1/4W
R252	1-247-804-11	CARBON 75 5% 1/4W
R253	1-249-403-11	CARBON 68 5% 1/4W
R254	1-249-429-11	CARBON 10K 5% 1/4W
R255	1-249-403-11	CARBON 68 5% 1/4W
R256	1-249-429-11	CARBON 10K 5% 1/4W
R259	1-249-405-11	CARBON 100 5% 1/4W
R260	1-249-405-11	CARBON 100 5% 1/4W
R261	1-249-405-11	CARBON 100 5% 1/4W
R262	1-249-405-11	CARBON 100 5% 1/4W
R265	1-249-437-11	CARBON 47K 5% 1/4W
R266	1-249-437-11	CARBON 47K 5% 1/4W
R267	1-247-804-11	(AV1020)...CARBON 75 5% 1/4W
R301	1-247-887-00	CARBON 220K 5% 1/4W
R302	1-247-887-00	CARBON 220K 5% 1/4W
R303	1-249-417-11	CARBON 1K 5% 1/4W
R304	1-247-887-00	CARBON 220K 5% 1/4W
R305	1-249-429-11	CARBON 10K 5% 1/4W
R306	1-247-887-00	(AV1020)...CARBON 220K 5% 1/4W
R307	1-247-852-11	(AV1020)...CARBON 7.5K 5% 1/4W
R308	1-249-431-11	(AV1020)...CARBON 15K 5% 1/4W
R309	1-249-437-11	(AV1020)...CARBON 47K 5% 1/4W
R310	1-247-895-00	CARBON 470K 5% 1/4W
R311	1-249-429-11	CARBON 10K 5% 1/4W
R312	1-249-429-11	CARBON 10K 5% 1/4W
R313	1-249-441-11	CARBON 100K 5% 1/4W
R314	1-249-429-11	CARBON 10K 5% 1/4W
R315	1-249-429-11	CARBON 10K 5% 1/4W
R316	1-249-429-11	CARBON 10K 5% 1/4W
R317	1-249-429-11	(AV1020)...CARBON 10K 5% 1/4W
R318	1-249-429-11	(AV1020)...CARBON 10K 5% 1/4W
R319	1-249-429-11	(AV1020)...CARBON 10K 5% 1/4W
R320	1-249-429-11	(AV1020)...CARBON 10K 5% 1/4W
R321	1-249-433-11	(AV1020)...CARBON 22K 5% 1/4W
R322	1-249-433-11	(AV1020)...CARBON 22K 5% 1/4W
R323	1-249-433-11	(AV1020)...CARBON 22K 5% 1/4W
R324	1-247-895-00	(AV1020)...CARBON 470K 5% 1/4W
R325	1-249-441-11	(AV1020)...CARBON 100K 5% 1/4W
R326	1-249-433-11	(AV1020)...CARBON 22K 5% 1/4W
R327	1-249-433-11	(AV1020)...CARBON 22K 5% 1/4W
R328	1-249-433-11	(AV1020)...CARBON 22K 5% 1/4W
R329	1-249-433-11	(AV1020)...CARBON 22K 5% 1/4W

Ref.No.	Part No.	Description
R330	1-249-399-11	(AV1020)...CARBON 33 5% 1/4W
R331	1-249-429-11	CARBON 10K 5% 1/4W
R333	1-247-887-00	CARBON 220K 5% 1/4W
R334	1-249-429-11	CARBON 10K 5% 1/4W
R335	1-249-429-11	CARBON 10K 5% 1/4W
R336	1-249-441-11	CARBON 100K 5% 1/4W
R337	1-249-429-11	CARBON 10K 5% 1/4W
R338	1-249-441-11	CARBON 100K 5% 1/4W
R339	1-249-437-11	(AV1020)...CARBON 47K 5% 1/4W
R340	1-249-437-11	CARBON 47K 5% 1/4W
R341	1-249-437-11	CARBON 47K 5% 1/4W
R351	1-247-887-00	CARBON 220K 5% 1/4W
R352	1-247-887-00	CARBON 220K 5% 1/4W
R353	1-249-417-11	CARBON 1K 5% 1/4W
R354	1-247-887-00	CARBON 220K 5% 1/4W
R355	1-249-429-11	CARBON 10K 5% 1/4W
R356	1-247-887-00	(AV1020)...CARBON 220K 5% 1/4W
R357	1-247-852-11	(AV1020)...CARBON 7.5K 5% 1/4W
R358	1-249-431-11	(AV1020)...CARBON 15K 5% 1/4W
R359	1-249-437-11	(AV1020)...CARBON 47K 5% 1/4W
R360	1-247-895-00	CARBON 470K 5% 1/4W
R361	1-249-429-11	CARBON 10K 5% 1/4W
R362	1-249-429-11	CARBON 10K 5% 1/4W
R363	1-249-441-11	CARBON 100K 5% 1/4W
R364	1-249-429-11	CARBON 10K 5% 1/4W
R365	1-247-887-00	CARBON 220K 5% 1/4W
R371	1-249-434-11	CARBON 27K 5% 1/4W
R372	1-249-431-11	CARBON 15K 5% 1/4W
R373	1-249-429-11	CARBON 10K 5% 1/4W
R374	1-249-431-11	CARBON 15K 5% 1/4W
R375	1-249-429-11	CARBON 10K 5% 1/4W
R376	1-249-431-11	CARBON 15K 5% 1/4W
R377	1-249-422-11	CARBON 2.7K 5% 1/4W
R378	1-247-903-00	CARBON 1M 5% 1/4W
R381	1-247-885-00	CARBON 180K 5% 1/4W
R382	1-249-437-11	CARBON 47K 5% 1/4W
R383	1-249-429-11	CARBON 10K 5% 1/4W
R384	1-249-435-11	CARBON 33K 5% 1/4W
R385	1-249-433-11	CARBON 22K 5% 1/4W
R386	1-249-439-11	CARBON 68K 5% 1/4W
R387	1-249-433-11	CARBON 22K 5% 1/4W
R389	1-249-423-11	CARBON 3.3K 5% 1/4W
R390	1-249-408-11	CARBON 180 5% 1/4W
R391	1-247-889-00	CARBON 270K 5% 1/4W
R392	1-249-409-11	CARBON 220 5% 1/4W
R393	1-249-409-11	CARBON 220 5% 1/4W
R394	1-249-421-11	CARBON 2.2K 5% 1/4W
R395	1-249-411-11	CARBON 330 5% 1/4W
R396	1-249-429-11	CARBON 10K 5% 1/4W
R397	1-249-429-11	(AV1020)...CARBON 10K 5% 1/4W
R398	1-249-411-11	(AV1020)...CARBON 330 5% 1/4W
R399	1-249-421-11	(AV1020)...CARBON 2.2K 5% 1/4W
R401	1-249-441-11	CARBON 100K 5% 1/4W
R402	1-249-441-11	CARBON 100K 5% 1/4W
R403	1-247-895-00	CARBON 470K 5% 1/4W
R404	1-249-429-11	CARBON 10K 5% 1/4W
R405	1-249-429-11	CARBON 10K 5% 1/4W

Ref.No.	Part No.	Description			
R406	1-247-895-00	CARBON	470K	5%	1/4W
R407	1-247-903-00	CARBON	1M	5%	1/4W
R408	1-247-881-00	CARBON	120K	5%	1/4W
R409	1-249-414-11	CARBON	560	5%	1/4W
R410	1-247-903-00	CARBON	1M	5%	1/4W
R411	1-247-881-00	CARBON	120K	5%	1/4W
R412	1-249-415-11	CARBON	680	5%	1/4W
R413	1-247-903-00	CARBON	1M	5%	1/4W
R414	1-247-881-00	CARBON	120K	5%	1/4W
R415	1-249-414-11	CARBON	560	5%	1/4W
R416	1-247-903-00	CARBON	1M	5%	1/4W
R417	1-247-881-00	CARBON	120K	5%	1/4W
R418	1-249-415-11	CARBON	680	5%	1/4W
R419	1-247-903-00	CARBON	1M	5%	1/4W
R420	1-247-881-00	CARBON	120K	5%	1/4W
R421	1-249-415-11	CARBON	680	5%	1/4W
R422	1-247-903-00	CARBON	1M	5%	1/4W
R423	1-247-881-00	CARBON	120K	5%	1/4W
R424	1-249-415-11	CARBON	680	5%	1/4W
R425	1-247-903-00	CARBON	1M	5%	1/4W
R426	1-247-881-00	CARBON	120K	5%	1/4W
R427	1-249-415-11	CARBON	680	5%	1/4W
R428	1-249-441-11	CARBON	100K	5%	1/4W
R431A	1-249-408-11	CARBON	180	5%	1/4W
R431B	1-249-427-11	CARBON	6.8K	5%	1/4W
R432A	1-249-426-11	CARBON	5.6K	5%	1/4W
R432B	1-249-435-11	CARBON	33K	5%	1/4W
R441	1-249-441-11	CARBON	100K	5%	1/4W
R442	1-249-423-11	CARBON	3.3K	5%	1/4W
R443	1-249-427-11	CARBON	6.8K	5%	1/4W
R444	1-247-883-00	CARBON	150K	5%	1/4W
R445	1-249-412-11	CARBON	390	5%	1/4W
R451	1-249-441-11	CARBON	100K	5%	1/4W
R452	1-249-441-11	CARBON	100K	5%	1/4W
R453	1-247-895-00	CARBON	470K	5%	1/4W
R454	1-249-429-11	CARBON	10K	5%	1/4W
R455	1-249-429-11	CARBON	10K	5%	1/4W
R456	1-247-895-00	CARBON	470K	5%	1/4W
R457	1-247-903-00	CARBON	1M	5%	1/4W
R458	1-247-881-00	CARBON	120K	5%	1/4W
R459	1-249-414-11	CARBON	560	5%	1/4W
R460	1-247-903-00	CARBON	1M	5%	1/4W
R461	1-247-881-00	CARBON	120K	5%	1/4W
R462	1-249-415-11	CARBON	680	5%	1/4W
R463	1-247-903-00	CARBON	1M	5%	1/4W
R464	1-247-881-00	CARBON	120K	5%	1/4W
R465	1-249-414-11	CARBON	560	5%	1/4W
R466	1-247-903-00	CARBON	1M	5%	1/4W
R467	1-247-881-00	CARBON	120K	5%	1/4W
R468	1-249-415-11	CARBON	680	5%	1/4W
R469	1-247-903-00	CARBON	1M	5%	1/4W
R470	1-247-881-00	CARBON	120K	5%	1/4W
R471	1-249-415-11	CARBON	680	5%	1/4W
R472	1-247-903-00	CARBON	1M	5%	1/4W
R473	1-247-881-00	CARBON	120K	5%	1/4W
R474	1-249-415-11	CARBON	680	5%	1/4W
R475	1-247-903-00	CARBON	1M	5%	1/4W

Ref.No.	Part No.	Description			
R476	1-247-881-00	CARBON	120K	5%	1/4W
R477	1-249-415-11	CARBON	680	5%	1/4W
R478	1-249-441-11	CARBON	100K	5%	1/4W
R491	1-249-441-11	CARBON	100K	5%	1/4W
R492	1-249-423-11	CARBON	3.3K	5%	1/4W
R493	1-249-427-11	CARBON	6.8K	5%	1/4W
R494	1-247-883-00	CARBON	150K	5%	1/4W
R495	1-249-401-11	CARBON	47	5%	1/4W
R501	1-249-437-11	CARBON	47K	5%	1/4W
R502	1-249-437-11	CARBON	47K	5%	1/4W
R504	1-249-437-11	CARBON	47K	5%	1/4W
R505	1-249-437-11	CARBON	47K	5%	1/4W
R506	1-249-437-11	CARBON	47K	5%	1/4W
R507	1-249-437-11	CARBON	47K	5%	1/4W
R509	1-249-429-11	CARBON	10K	5%	1/4W
R510	1-249-429-11	CARBON	10K	5%	1/4W
R511	1-249-429-11	CARBON	10K	5%	1/4W
R512	1-249-429-11	CARBON	10K	5%	1/4W
R513	1-249-425-11	CARBON	4.7K	5%	1/4W
R514	1-249-421-11	CARBON	2.2K	5%	1/4W
R516	1-249-425-11	CARBON	4.7K	5%	1/4W
R517	1-249-437-11	CARBON	47K	5%	1/4W
R518	1-249-421-11	CARBON	2.2K	5%	1/4W
R521	1-249-437-11	CARBON	47K	5%	1/4W
R522	1-249-437-11	CARBON	47K	5%	1/4W
R523	1-249-437-11	CARBON	47K	5%	1/4W
R524	1-249-437-11	CARBON	47K	5%	1/4W
R525	1-249-437-11	CARBON	47K	5%	1/4W
R526	1-249-437-11	CARBON	47K	5%	1/4W
R527	1-249-437-11	CARBON	47K	5%	1/4W
R528	1-249-429-11	CARBON	10K	5%	1/4W
R532	1-249-437-11	CARBON	47K	5%	1/4W
R533	1-249-437-11	CARBON	47K	5%	1/4W
R534	1-249-423-11	CARBON	3.3K	5%	1/4W
R535	1-249-429-11	CARBON	10K	5%	1/4W
R536	1-249-429-11	CARBON	10K	5%	1/4W
R537	1-249-429-11	CARBON	10K	5%	1/4W
R538	1-249-429-11	CARBON	10K	5%	1/4W
R540	1-249-441-11	CARBON	100K	5%	1/4W
R541	1-249-429-11	CARBON	10K	5%	1/4W
R542	1-249-429-11	CARBON	10K	5%	1/4W
R543	1-249-429-11	CARBON	10K	5%	1/4W
R547	1-249-429-11	CARBON	10K	5%	1/4W
R548	1-249-429-11	CARBON	10K	5%	1/4W
R551	1-249-405-11	CARBON	100	5%	1/4W
R552	1-249-402-11	CARBON	56	5%	1/4W
R560	1-249-405-11	CARBON	100	5%	1/4W
R576	1-249-425-11	CARBON	4.7K	5%	1/4W
R577	1-249-425-11	CARBON	4.7K	5%	1/4W
R578	1-247-887-00	CARBON	220K	5%	1/4W
R579	1-249-429-11	CARBON	10K	5%	1/4W
R580	1-249-435-11	CARBON	33K	5%	1/4W
R581	1-247-887-00	CARBON	220K	5%	1/4W
R582	1-249-429-11	CARBON	10K	5%	1/4W
R583	1-249-435-11	CARBON	33K	5%	1/4W
R586	1-249-417-11	CARBON	1K	5%	1/4W
R587	1-247-885-00	CARBON	180K	5%	1/4W

Ref.No.	Part No.	Description			
R588	1-249-429-11	CARBON	10K	5%	1/4W
R589	1-249-431-11	CARBON	15K	5%	1/4W
R590	1-249-417-11	CARBON	1K	5%	1/4W
R591	1-249-419-11	CARBON	1.5K	5%	1/4W
R592	1-249-441-11	CARBON	100K	5%	1/4W
R593	1-249-427-11	CARBON	6.8K	5%	1/4W
R594	1-249-426-11	CARBON	5.6K	5%	1/4W
R601	1-249-411-11	CARBON	330	5%	1/4W
R602	1-249-433-11	CARBON	22K	5%	1/4W
R603	1-249-417-11	CARBON	1K	5%	1/4W
R604	1-249-417-11	CARBON	1K	5%	1/4W
R605	1-249-417-11	CARBON	1K	5%	1/4W
R606	1-249-417-11	CARBON	1K	5%	1/4W
R607	1-249-427-11	CARBON	6.8K	5%	1/4W
R608	1-249-417-11	CARBON	1K	5%	1/4W
R609	1-249-417-11	CARBON	1K	5%	1/4W
R610	1-249-417-11	CARBON	1K	5%	1/4W
R611	1-249-417-11	CARBON	1K	5%	1/4W
R612	1-249-437-11	CARBON	47K	5%	1/4W
R613	1-249-441-11	(AV1020)...CARBON	100K	5%	1/4W
R614	1-249-434-11	(AV1020)...CARBON	27K	5%	1/4W
R615	1-249-413-11	(AV1020)...CARBON	470	5%	1/4W
R616	1-249-434-11	(AV1020)...CARBON	27K	5%	1/4W
R617	1-249-437-11	CARBON	47K	5%	1/4W
R618	1-249-437-11	CARBON	47K	5%	1/4W
R619	1-249-437-11	CARBON	47K	5%	1/4W
R620	1-249-437-11	CARBON	47K	5%	1/4W
R621	1-249-441-11	CARBON	100K	5%	1/4W
R622	1-249-441-11	CARBON	100K	5%	1/4W
R623	1-249-417-11	CARBON	1K	5%	1/4W
R624	1-247-897-11	CARBON	560K	5%	1/4W
R625	1-249-437-11	CARBON	47K	5%	1/4W
R626	1-249-441-11	CARBON	100K	5%	1/4W
R627	1-249-409-11	CARBON	220	5%	1/4W
R628	1-249-437-11	CARBON	47K	5%	1/4W
R629	1-249-437-11	CARBON	47K	5%	1/4W
R630	1-249-423-11	(AV1020)...CARBON	3.3K	5%	1/4W
R631	1-249-437-11	CARBON	47K	5%	1/4W
R632	1-249-437-11	CARBON	47K	5%	1/4W
R633	1-249-417-11	(AV1020)...CARBON	1K	5%	1/4W
R634	1-247-887-00	(AV1020)...CARBON	220K	5%	1/4W
R635	1-249-425-11	CARBON	4.7K	5%	1/4W
R636	1-249-425-11	CARBON	4.7K	5%	1/4W
R637	1-249-421-11	CARBON	2.2K	5%	1/4W
R638	1-249-429-11	CARBON	10K	5%	1/4W
R639	1-249-441-11	CARBON	100K	5%	1/4W
R640	1-249-437-11	CARBON	47K	5%	1/4W
R641	1-249-417-11	(AV1020)...CARBON	1K	5%	1/4W
R642	1-249-417-11	(AV1020)...CARBON	1K	5%	1/4W
R643	1-247-903-00	CARBON	1M	5%	1/4W
R644	1-249-419-11	CARBON	1.5K	5%	1/4W
R645	1-249-433-11	CARBON	22K	5%	1/4W
R646	1-249-417-11	CARBON	1K	5%	1/4W
R647	1-249-405-11	CARBON	100	5%	1/4W
R648	1-249-429-11	CARBON	10K	5%	1/4W
R649	1-249-417-11	CARBON	1K	5%	1/4W
R650	1-249-417-11	(AV1020)...CARBON	1K	5%	1/4W

Ref.No.	Part No.	Description			
R651	1-249-411-11	CARBON	330	5%	1/4W
R652	1-249-433-11	CARBON	22K	5%	1/4W
R653	1-249-417-11	CARBON	1K	5%	1/4W
R654	1-249-417-11	CARBON	1K	5%	1/4W
R655	1-249-417-11	CARBON	1K	5%	1/4W
R656	1-249-417-11	CARBON	1K	5%	1/4W
R657	1-249-427-11	CARBON	6.8K	5%	1/4W
R658	1-249-417-11	CARBON	1K	5%	1/4W
R659	1-249-417-11	CARBON	1K	5%	1/4W
R660	1-249-417-11	CARBON	1K	5%	1/4W
R661	1-249-417-11	CARBON	1K	5%	1/4W
R662	1-249-437-11	CARBON	47K	5%	1/4W
R663	1-249-441-11	(AV1020)...CARBON	100K	5%	1/4W
R665	1-249-405-11	CARBON	100	5%	1/4W
R666	1-249-405-11	CARBON	100	5%	1/4W
R667	1-249-437-11	CARBON	47K	5%	1/4W
R668	1-249-437-11	CARBON	47K	5%	1/4W
R669	1-249-437-11	CARBON	47K	5%	1/4W
R670	1-249-437-11	CARBON	47K	5%	1/4W
R671	1-249-441-11	CARBON	100K	5%	1/4W
R672	1-249-441-11	CARBON	100K	5%	1/4W
R673	1-249-417-11	CARBON	1K	5%	1/4W
R674	1-247-897-11	CARBON	560K	5%	1/4W
R675	1-249-437-11	CARBON	47K	5%	1/4W
R676	1-249-441-11	CARBON	100K	5%	1/4W
R677	1-249-409-11	CARBON	220	5%	1/4W
R678	1-249-437-11	CARBON	47K	5%	1/4W
R679	1-249-437-11	CARBON	47K	5%	1/4W
R680	1-249-405-11	CARBON	100	5%	1/4W
R681	1-249-437-11	CARBON	47K	5%	1/4W
R682	1-249-437-11	CARBON	47K	5%	1/4W
R683	1-249-417-11	(AV1020)...CARBON	1K	5%	1/4W
R684	1-247-887-00	(AV1020)...CARBON	220K	5%	1/4W
R685	1-249-425-11	CARBON	4.7K	5%	1/4W
R686	1-249-405-11	CARBON	100	5%	1/4W
R687	1-249-421-11	CARBON	2.2K	5%	1/4W
R688	1-249-429-11	CARBON	10K	5%	1/4W
R689	1-249-441-11	CARBON	100K	5%	1/4W
R690	1-249-437-11	CARBON	47K	5%	1/4W
R691	1-249-429-11	CARBON	10K	5%	1/4W
R692	1-249-417-11	(AV1020)...CARBON	1K	5%	1/4W
R693	1-247-903-00	CARBON	1M	5%	1/4W
R694	1-249-419-11	CARBON	1.5K	5%	1/4W
R695	1-249-433-11	CARBON	22K	5%	1/4W
R696	1-249-417-11	CARBON	1K	5%	1/4W
R697	1-249-405-11	CARBON	100	5%	1/4W
R698	1-249-429-11	CARBON	10K	5%	1/4W
R699	1-249-417-11	CARBON	1K	5%	1/4W
R701	1-249-417-11	CARBON	1K	5%	1/4W
R702	1-249-438-11	CARBON	56K	5%	1/4W
R703	1-249-413-11	CARBON	470	5%	1/4W
R704 ⚠	1-249-401-11	CARBON	47	5%	1/4W F
R705	1-249-410-11	CARBON	270	5%	1/4W
R706	1-249-438-11	CARBON	56K	5%	1/4W
R707	1-249-417-11	CARBON	1K	5%	1/4W
R708	1-249-412-11	CARBON	390	5%	1/4W
R709 ⚠	1-249-393-11	CARBON	10	5%	1/4W F

Note:
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Note:
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

Ref.No.	Part No.	Description				
R710	⚠1-249-393-11	CARBON	10	5%	1/4W	F
R711	⚠1-247-704-11	CARBON	220	5%	1/4W	F
R713	⚠1-247-688-11	CARBON	10	5%	1/4W	F
R714	⚠1-247-688-11	CARBON	10	5%	1/4W	F
R715	1-214-789-00	RES, METAL PLATE 0.1				
R716	1-214-789-00	RES, METAL PLATE 0.1				
R717	1-249-419-11	CARBON	1.5K	5%	1/4W	
R718	1-249-431-11	CARBON	15K	5%	1/4W	
R719	1-249-419-11	CARBON	1.5K	5%	1/4W	
R720	1-249-431-11	CARBON	15K	5%	1/4W	
R721	1-249-482-11	CARBON	4.7	5%	1/2W	
R722	1-247-727-11	CARBON	10	5%	1/2W	
R723	⚠1-216-431-11	METAL OXIDE	560	5%	1W	F
R725	1-249-417-11	CARBON	1K	5%	1/4W	
R726	1-249-429-11	CARBON	10K	5%	1/4W	
R727	1-249-437-11	CARBON	47K	5%	1/4W	
R728	1-249-436-11	CARBON	39K	5%	1/4W	
R729	1-249-434-11	CARBON	27K	5%	1/4W	
R730	1-249-433-11	CARBON	22K	5%	1/4W	
R731	1-249-437-11	CARBON	47K	5%	1/4W	
R732	⚠1-216-428-00	METAL OXIDE	180	5%	1W	F
R736	1-249-417-11	CARBON	1K	5%	1/4W	
R737	1-249-439-11	CARBON	68K	5%	1/4W	
R738	1-249-419-11	CARBON	1.5K	5%	1/4W	
R739	1-249-439-11	CARBON	68K	5%	1/4W	
R740	1-249-423-11	CARBON	3.3K	5%	1/4W	
R741	1-249-431-11	CARBON	15K	5%	1/4W	
R742	1-217-151-00	RES, METAL PLATE 0.22				
R743	1-249-389-11	CARBON	4.7	5%	1/4W	
R744	⚠1-249-393-11	CARBON	10	5%	1/4W	F
R745	1-249-434-11	CARBON	27K	5%	1/4W	
R746	1-249-437-11	(AV1020)...CARBON	47K	5%	1/4W	
R747	1-249-417-11	(AV1020)...CARBON	1K	5%	1/4W	
R748	⚠1-215-865-11	METAL OXIDE	220	5%	1W	F
R749	1-249-437-11	CARBON	47K	5%	1/4W	
R751	1-249-417-11	CARBON	1K	5%	1/4W	
R752	1-249-438-11	CARBON	56K	5%	1/4W	
R753	1-249-413-11	CARBON	470	5%	1/4W	
R754	⚠1-249-401-11	CARBON	47	5%	1/4W	F
R755	1-249-410-11	CARBON	270	5%	1/4W	
R756	1-249-438-11	CARBON	56K	5%	1/4W	
R757	1-249-417-11	CARBON	1K	5%	1/4W	
R758	1-249-412-11	CARBON	390	5%	1/4W	
R759	⚠1-249-393-11	CARBON	10	5%	1/4W	F
R760	⚠1-249-393-11	CARBON	10	5%	1/4W	F
R761	⚠1-247-704-11	CARBON	220	5%	1/4W	F
R763	⚠1-247-688-11	CARBON	10	5%	1/4W	F
R764	⚠1-247-688-11	CARBON	10	5%	1/4W	F
R765	1-214-789-00	RES, METAL PLATE 0.1				
R766	1-214-789-00	RES, METAL PLATE 0.1				
R767	1-249-419-11	CARBON	1.5K	5%	1/4W	
R768	1-249-431-11	CARBON	15K	5%	1/4W	
R769	1-249-419-11	CARBON	1.5K	5%	1/4W	
R770	1-249-431-11	CARBON	15K	5%	1/4W	
R771	1-249-482-11	CARBON	4.7	5%	1/2W	
R772	1-247-727-11	CARBON	10	5%	1/2W	
R773	⚠1-216-431-11	METAL OXIDE	560	5%	1W	F

Ref.No.	Part No.	Description				
R786	1-249-417-11	CARBON	1K	5%	1/4W	
R787	1-249-439-11	CARBON	68K	5%	1/4W	
R788	1-249-419-11	CARBON	1.5K	5%	1/4W	
R789	1-249-439-11	CARBON	68K	5%	1/4W	
R790	1-249-423-11	CARBON	3.3K	5%	1/4W	
R791	1-249-431-11	CARBON	15K	5%	1/4W	
R792	1-217-151-00	RES, METAL PLATE 0.22				
R793	1-249-389-11	CARBON	4.7	5%	1/4W	
R794	⚠1-249-393-11	CARBON	10	5%	1/4W	F
R795	1-249-433-11	CARBON	22K	5%	1/4W	
R798	⚠1-215-865-11	METAL OXIDE	220	5%	1W	F
R799	1-249-437-11	CARBON	47K	5%	1/4W	
R801	⚠1-249-409-11	CARBON	220	5%	1/4W	F
R802	1-249-426-11	CARBON	5.6K	5%	1/4W	
R811	1-249-417-11	CARBON	1K	5%	1/4W	
R812	1-249-437-11	CARBON	47K	5%	1/4W	
R813	1-249-429-11	CARBON	10K	5%	1/4W	
R814	1-249-433-11	CARBON	22K	5%	1/4W	
R815	1-249-425-11	CARBON	4.7K	5%	1/4W	
R816	1-249-426-11	CARBON	5.6K	5%	1/4W	
R817	1-249-429-11	CARBON	10K	5%	1/4W	
R818	1-249-426-11	CARBON	5.6K	5%	1/4W	
R819	1-249-417-11	CARBON	1K	5%	1/4W	
R820	1-249-417-11	CARBON	1K	5%	1/4W	
R821	1-249-429-11	CARBON	10K	5%	1/4W	
R822	1-249-396-11	CARBON	18	5%	1/4W	
R832	1-249-385-11	CARBON	2.2	5%	1/4W	
R834	1-249-385-11	CARBON	2.2	5%	1/4W	
R835	⚠1-212-367-11	METAL OXIDE	3.9	5%	1W	F
R836	⚠1-215-859-00	METAL OXIDE	22	5%	1W	F
R901	1-202-725-00	SOLID	3.3M	10%	1/2W	
RT701	1-238-011-11	RES, ADJ, CARBON 470				
RT751	1-238-011-11	RES, ADJ, CARBON 470				
RV401	1-238-655-21	RES, VAR, CARBON 100KX4 (VOLUME)				
RV402	1-238-965-11	RES, VAR, CARBON 100K/100K(BALANCE L/R)				
RV403	1-238-964-11	RES, VAR, CARBON 100K (INPUT BALANCE)				
RY601	1-515-726-11	RELAY				
RY701	1-515-732-11	RELAY				
RY702	1-515-726-11	(AV1020)...RELAY				
RY731	1-515-616-11	RELAY				
RY781	1-515-616-11	RELAY				
RY901	1-515-701-11	RELAY				
S201	1-554-303-21	SWITCH, KEY BOARD (POWER ON/STANDBY)				
S202	1-554-303-21	SWITCH, KEY BOARD (DRLC/POWER)				
S203	1-554-303-21	SWITCH, KEY BOARD (SURROUND)				
S204	1-554-303-21	SWITCH, KEY BOARD (EQUALIZER)				
S205	1-554-303-21	SWITCH, KEY BOARD (TUNING)				
S206	1-554-303-21	SWITCH, KEY BOARD (INDEX)				
S207	1-554-303-21	SWITCH, KEY BOARD (PRESET TUNING +)				
S208	1-554-303-21	SWITCH, KEY BOARD (PRESET TUNING -)				
S209	1-554-303-21	SWITCH, KEY BOARD (INDEX TUNING +)				
S210	1-554-303-21	SWITCH, KEY BOARD (INDEX TUNING -)				
S211	1-554-303-21	SWITCH, KEY BOARD (PGM SET)				
S212	1-554-303-21	SWITCH, KEY BOARD (SOUND FIELD RECALL)				
S213	1-554-303-21	SWITCH, KEY BOARD (TUNING DIRECT)				
S214	1-554-303-21	SWITCH, KEY BOARD(SOUND FIELD PRESET +)				
S215	1-554-303-21	SWITCH, KEY BOARD(SOUND FIELD PRESET -)				

Note:
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Note:
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

Ref.No.	Part No.	Description
S216	1-554-303-21	SWITCH, KEY BOARD (△)
S217	1-554-303-21	SWITCH, KEY BOARD (▽)
S218	1-554-303-21	SWITCH, KEY BOARD (3)
S219	1-554-303-21	SWITCH, KEY BOARD (6)
S220	1-554-303-21	SWITCH, KEY BOARD (9)
S221	1-554-303-21	SWITCH, KEY BOARD (SHIFT)
S222	1-554-303-21	SWITCH, KEY BOARD (▷)
S223	1-554-303-21	SWITCH, KEY BOARD (◁)
S224	1-554-303-21	SWITCH, KEY BOARD (2)
S225	1-554-303-21	SWITCH, KEY BOARD (5)
S226	1-554-303-21	SWITCH, KEY BOARD (6)
S227	1-554-303-21	SWITCH, KEY BOARD (0)
S228	1-554-303-21	SWITCH, KEY BOARD (PRESET SF LINK ON/OFF)
S229	1-554-303-21	SWITCH, KEY BOARD (TUNER INDEX SELECT)
S230	1-554-303-21	SWITCH, KEY BOARD (TUNER FM/AM)
S231	1-554-303-21	SWITCH, KEY BOARD (TUNER FM MODE)
S232	1-554-303-21	SWITCH, KEY BOARD (1)
S233	1-554-303-21	SWITCH, KEY BOARD (4)
S234	1-554-303-21	SWITCH, KEY BOARD (7)
S235	1-554-303-21	SWITCH, KEY BOARD (MEMORY)
S236	1-554-303-21	SWITCH, KEY BOARD(DISPLAY EQ/RTA/PEAK)
S237	1-554-303-21	SWITCH, KEY BOARD (DISPLAY FREQ/INDEX/DEMO)
S238	1-554-303-21	SWITCH, KEY BOARD (EQUALIZER ON/OFF)
S239	1-554-303-21	SWITCH, KEY BOARD (EQUALIZER FLAT)
S240	1-554-303-21	SWITCH, KEY BOARD (PHONO)
S241	1-554-303-21	SWITCH, KEY BOARD (TUNER)
S242	1-554-303-21	SWITCH, KEY BOARD (CD)
S243	1-554-303-21	SWITCH, KEY BOARD (DAT)
S244	1-554-303-21	SWITCH, KEY BOARD (SURROUND ON/OFF)
S245	1-554-303-21	SWITCH, KEY BOARD (SURROUND MODE)
S246	1-554-303-21	(AV1020)...SWITCH, KEY BOARD (EDIT VIDEO)
S247	1-554-303-21	(AV1020)...SWITCH, KEY BOARD (EDIT AUDIO)
S248	1-554-303-21	(AV1020)...SWITCH, KEY BOARD (VIDEO 1)
S248	1-554-303-21	(AV920)....SWITCH, KEY BOARD (VIDEO 2 MONITOR)
S249	1-554-303-21	(AV1020)...SWITCH, KEY BOARD(VIDEO 2/LD)
S249	1-554-303-21	(AV920)....SWITCH, KEY BOARD (VIDEO 1)
S250	1-554-303-21	(AV1020)...SWITCH, KEY BOARD (VIDEO 3)
S250	1-554-303-21	(AV920)....SWITCH, KEY BOARD(VIDEO 2/LD)
S251	1-554-303-21	SWITCH, KEY BOARD (TAPE 1)
S252	1-554-303-21	(AV1020)...SWITCH, KEY BOARD (TAPE 2 MONITOR)
S253	1-554-303-21	(AV1020)...SWITCH, KEY BOARD (DOLBY PRO LOGIC TEST TONE)
S254	1-554-303-21	(AV1020)...SWITCH, KEY BOARD (DOLBY PRO LOGIC MODE)
S254	1-554-303-21	(AV920)...SWITCH, KEY BOARD(EDIT AUDIO)
S255	1-554-303-21	SWITCH, KEY BOARD (MUTING -20dB)
S256	1-554-303-21	SWITCH, KEY BOARD (DBFB)
S701-1	1-572-291-11	SWITCH, ROTARY SLIDE(SPEAKER A+B OFF A/B)
S701-2	1-572-322-11	SWITCH, SLIDE
T802 ⚠	1-449-996-11	(AV920)....TRANSFORMER, POWER
T802 ⚠	1-449-997-11	(AV1020)...TRANSFORMER, POWER
T901 ⚠	1-448-517-21	TRANSFORMER, POWER
TB701	1-536-706-00	TERMINAL BOARD (SP) (SPEAKER A/B)
TB702	1-536-706-00	TERMINAL BOARD (SP) (SURROUND/DRLC SPEAKER)
TP701	*1-560-060-00	PIN, CONNECTOR 2P
TP751	*1-560-060-00	PIN, CONNECTOR 2P
TP801	*1-535-114-00	TERMINAL
VZ901	1-807-293-11	VARISTOR (SNR-14A 140K)
X301	1-567-818-21	VIBRATOR, CERAMIC (3.58MHz)

ACCESSORY & PACKING MATERIAL

1-417-141-11	(AV1020)...MATCHING TRANSFORMER, ANTENNA
1-465-417-11	(AV1020)...REMOTE COMMANDER (RM-P301)
1-465-422-11	(AV920)....REMOTE COMMANDER (RM-U201)
1-501-224-00	ANTENNA, FEEDER
1-501-374-11	ANTENNA, LOOP
*3-704-350-01	SHEET (STANDARD), PROTECTION
3-751-885-21	MANUAL, INSTRUCTION
3-751-885-31	(Canadian)...MANUAL, INSTRUCTION
*4-924-994-11	CUSHION (BOTTOM)
*4-924-995-01	CUSHION (TOP)
4-925-079-01	COVER (6), BATTERY
*4-938-144-01	(AV1020)...INDIVIDUAL CARTON
*4-938-145-01	(AV920)....INDIVIDUAL CARTON

Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	**Note:** Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

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STR-AV920/AV1020

SONY

SERVICE MANUAL

US Model
Canadian Model

SUPPLEMENT-1

File this Supplement with the Service Manual.

Block Diagram

9-955-839-81

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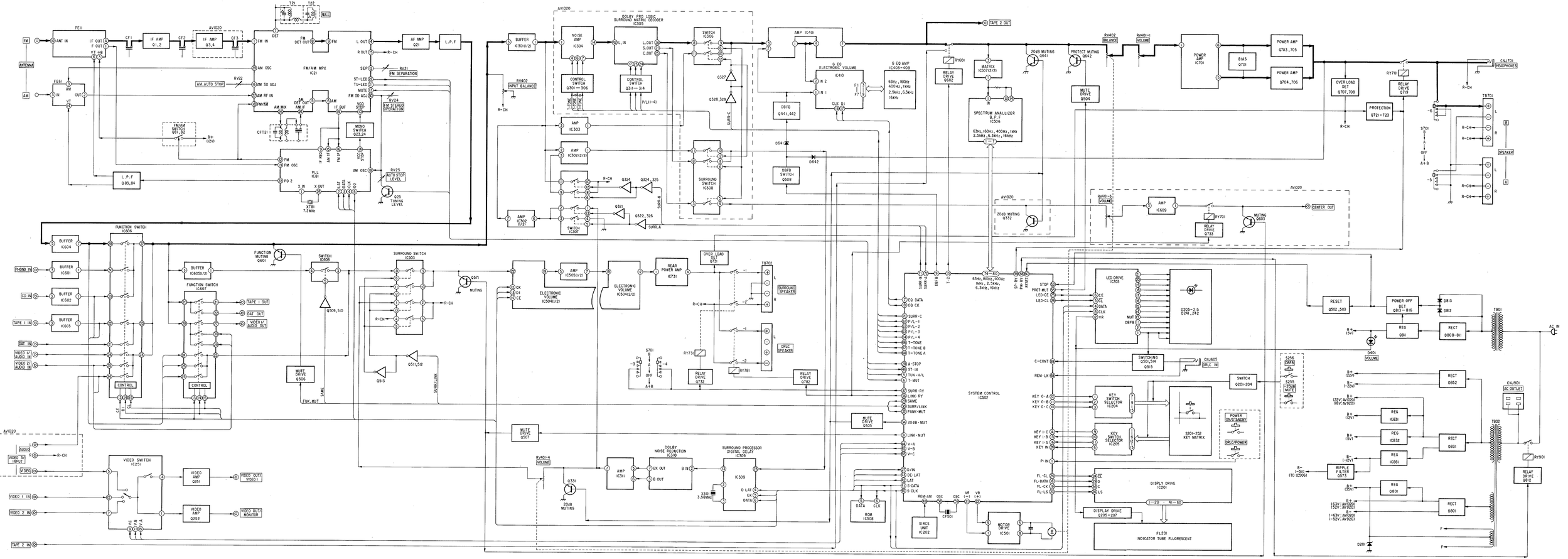
BLOCK DIAGRAM



STR-AV920/AV1020

SONY

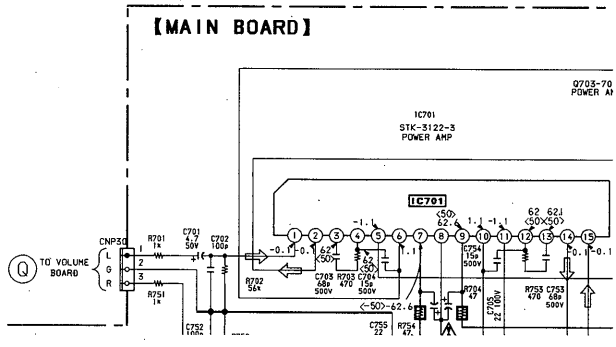
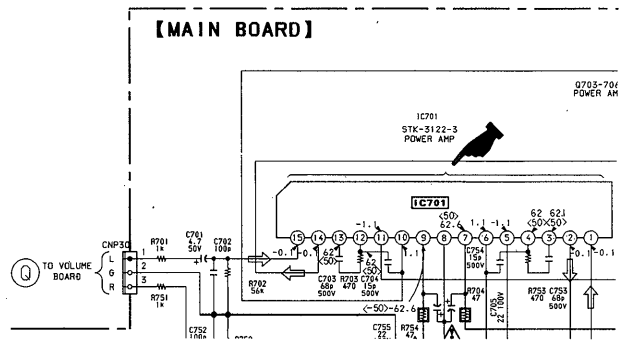
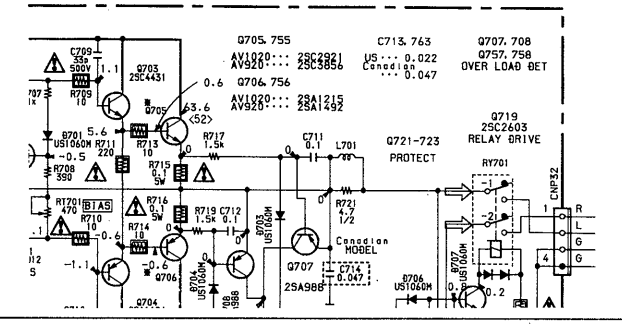
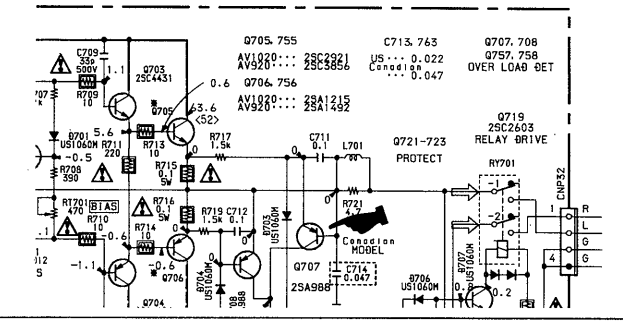
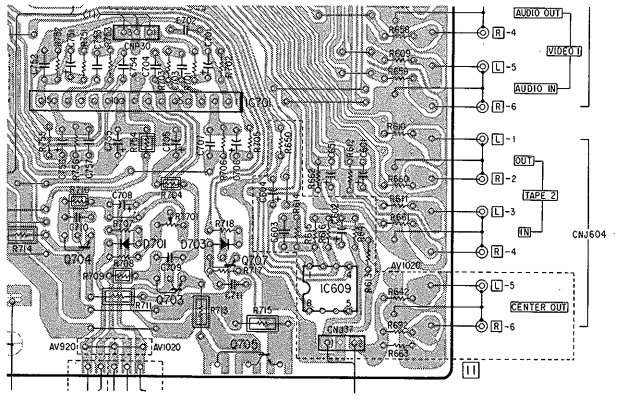
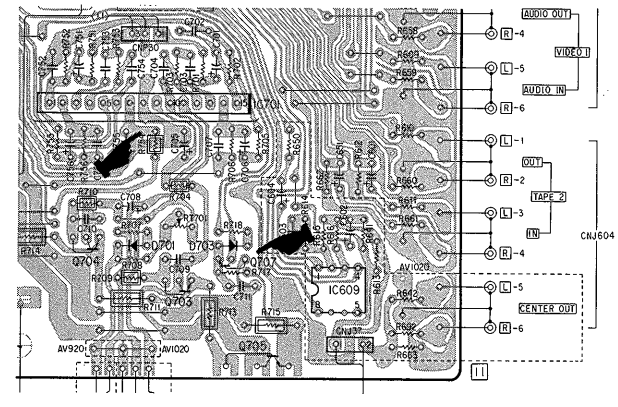
SERVICE MANUAL

US Model
Canadian Model

CORRECTION-1

File this Correction with the Service Manual.

☛ : corrected portion

Page	Incorrect	Correct
20	3-4. SCHEMATIC DIAGRAM 	
21		
17	3-3. PRINTED WIRING BOARDS 【MAIN BOARD】 	【MAIN BOARD】 
63	5. ELECTRICAL PARTS LIST Ref. No. Parts No. Description Q721 8-729-140-84 TRANSISTOR 2SA1841-PAFAEA	Ref. No. Parts No. Description ☛ Q721 8-729-140-84 TRANSISTOR 2SC1841-PAFAEA

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